

F161
23-7

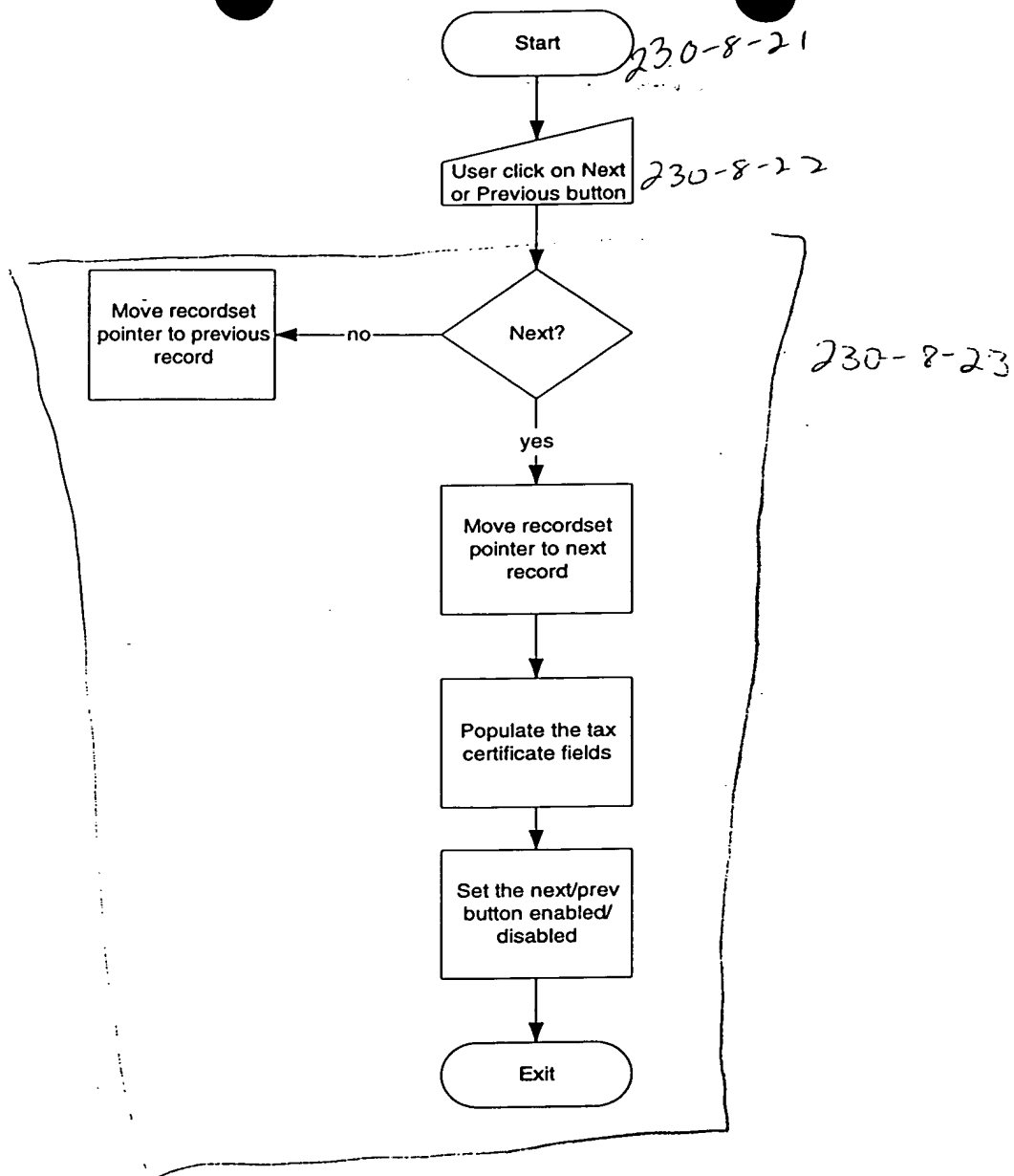
[illegible]

FIG. 23-8C

00503413-051300

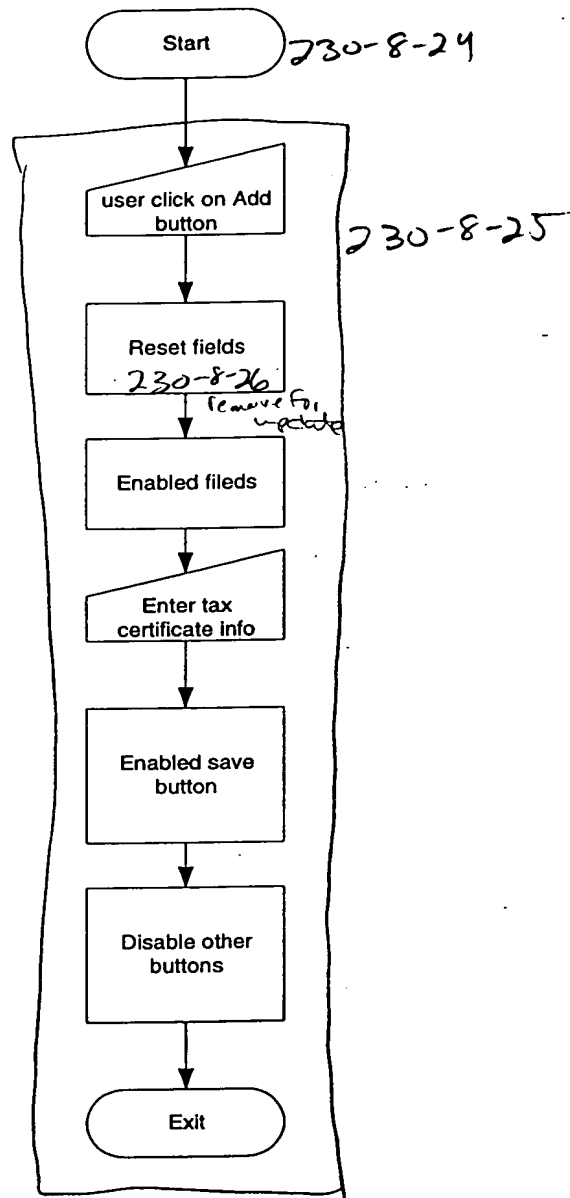


FIG. 23-8D

Start 230-8-27

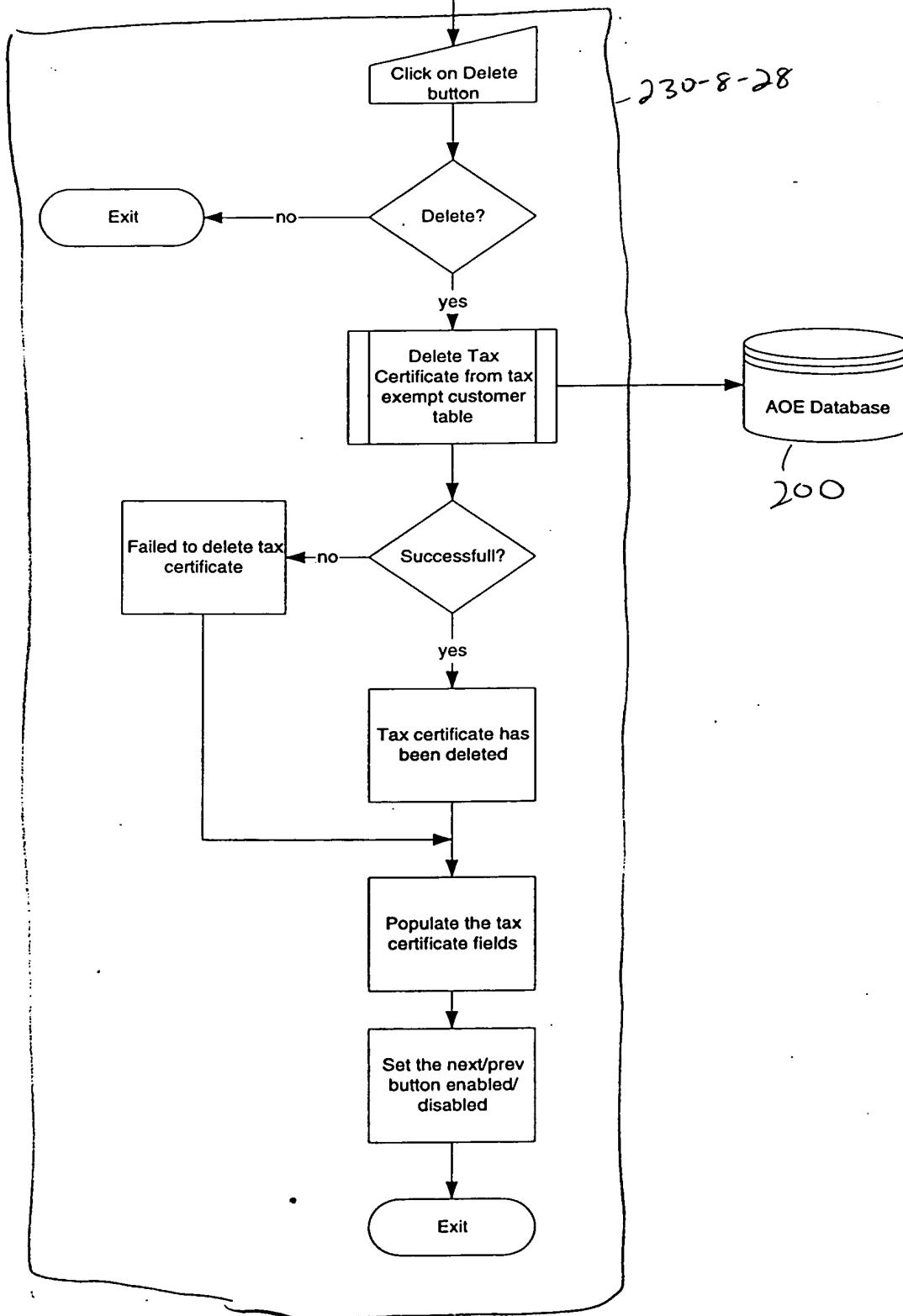


FIG. 23-8F

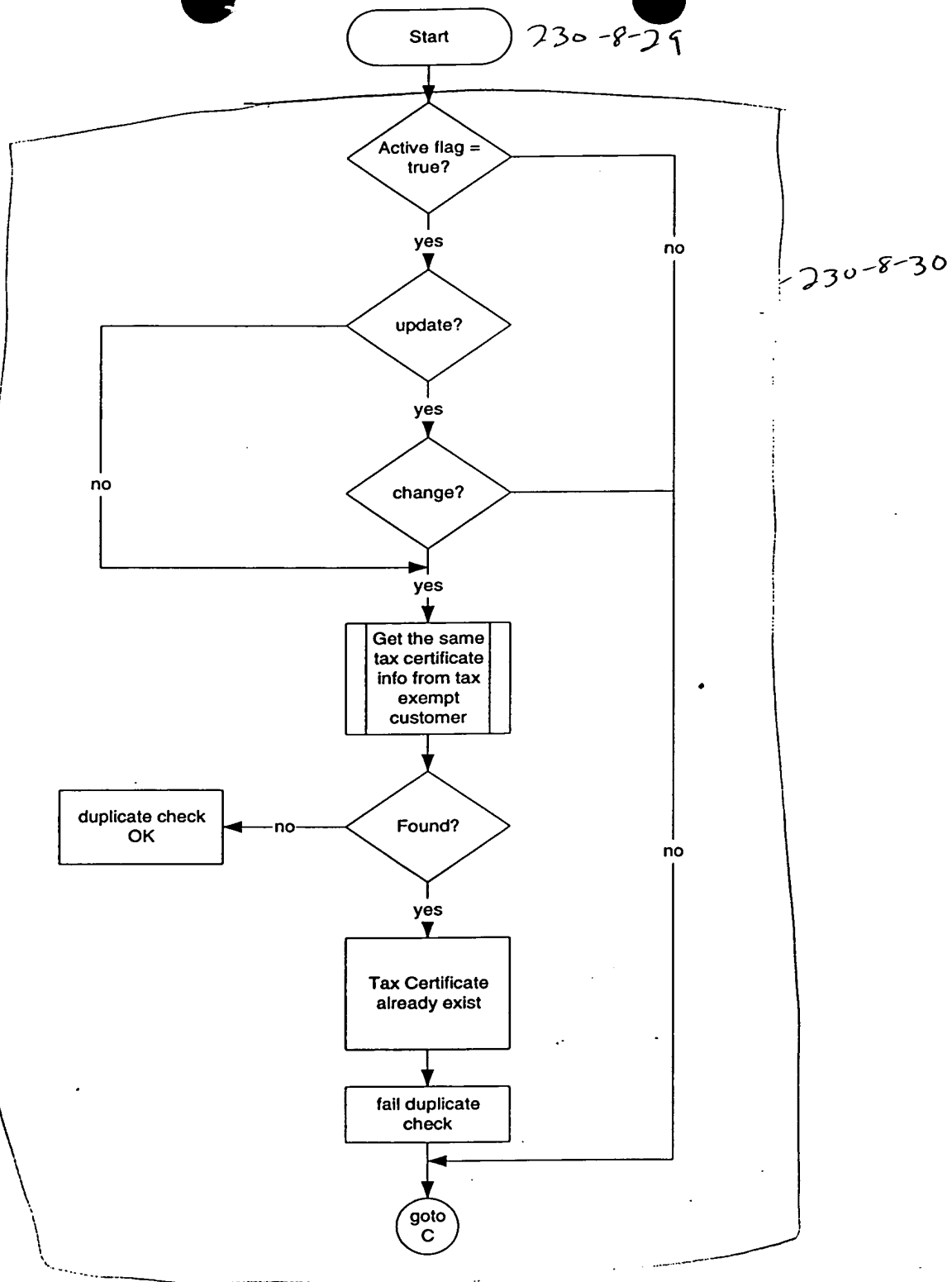


FIG. '23-86

09502413.064300

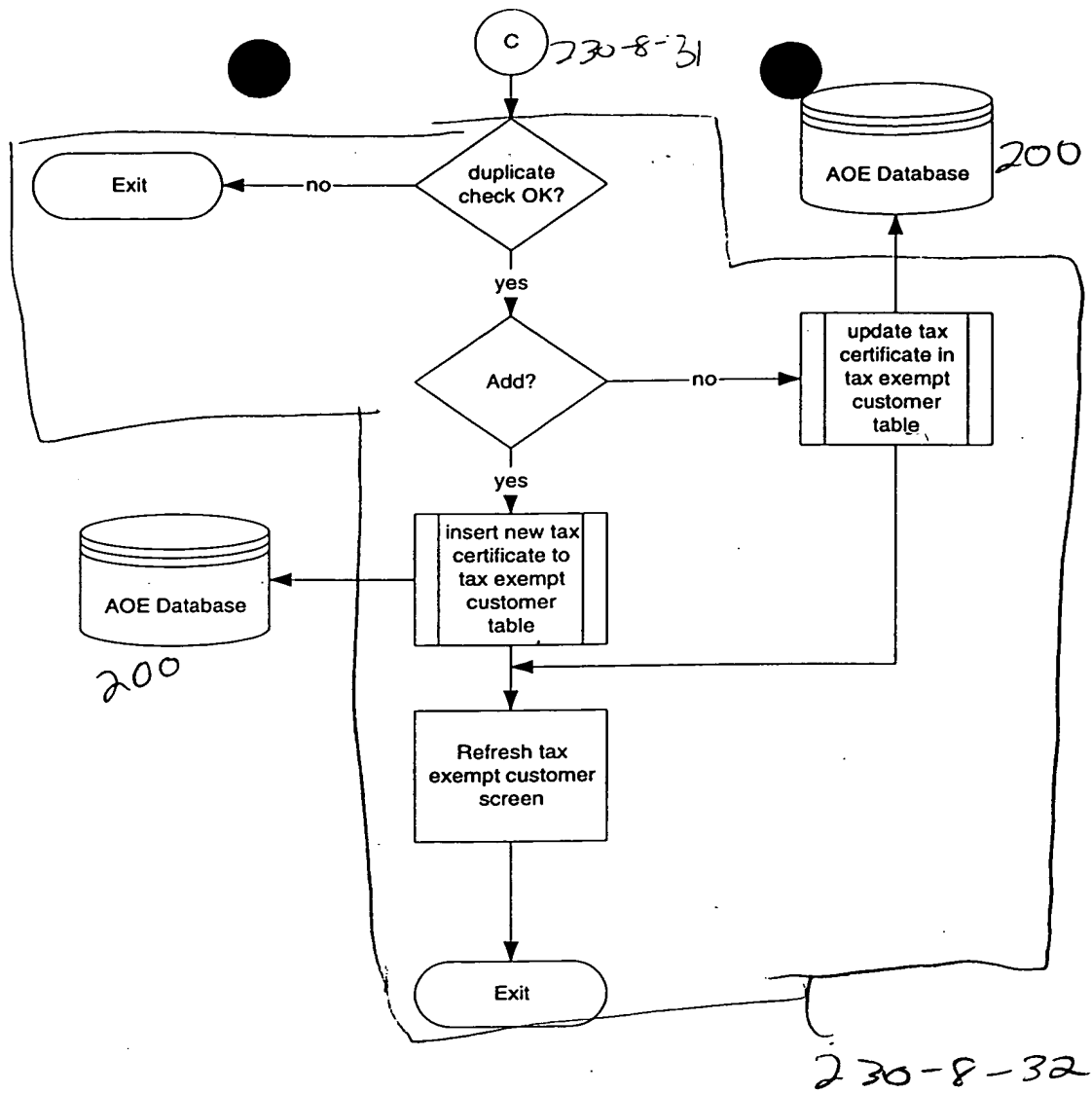


FIG 23-814

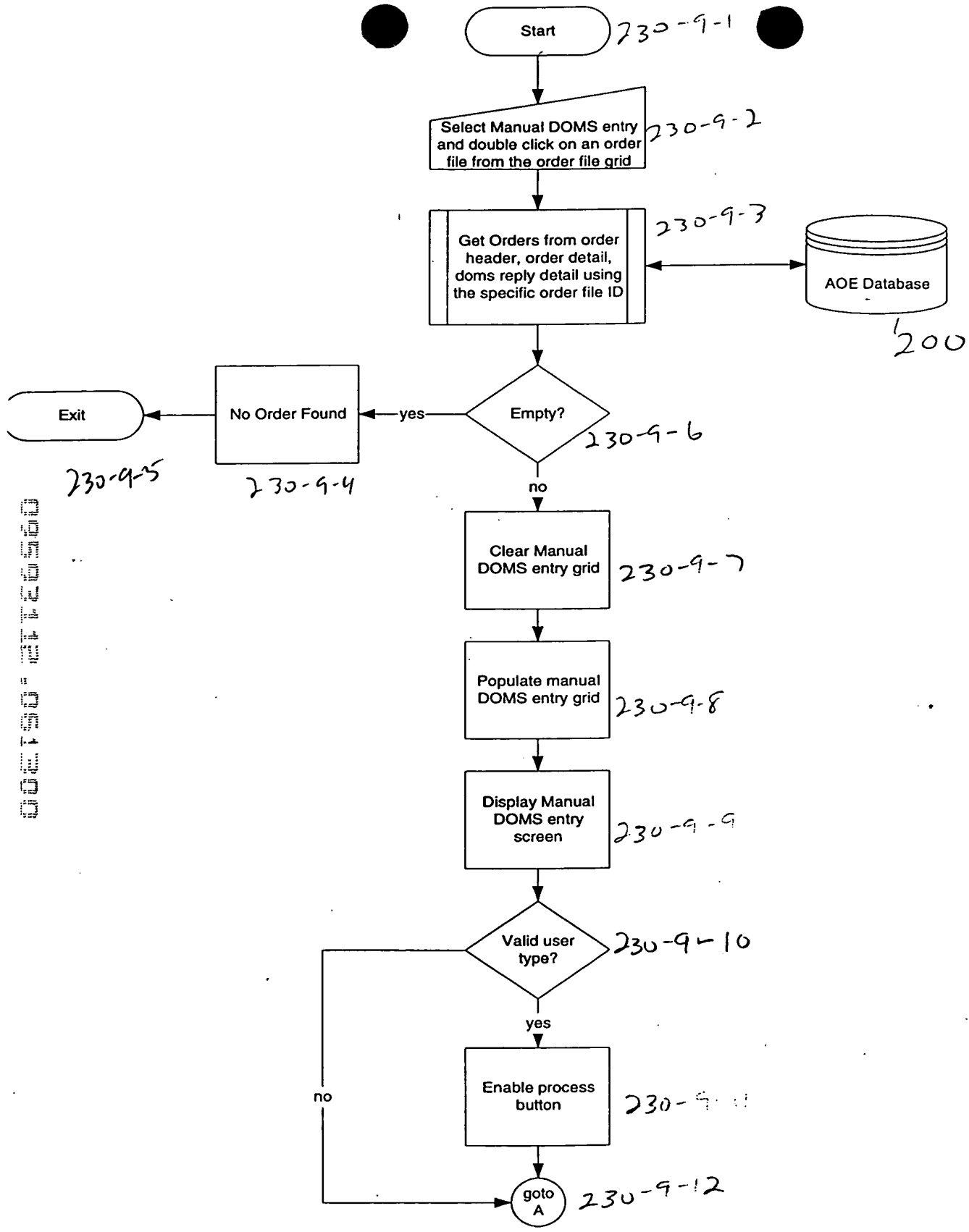


FIG 23-9A

002150 216560

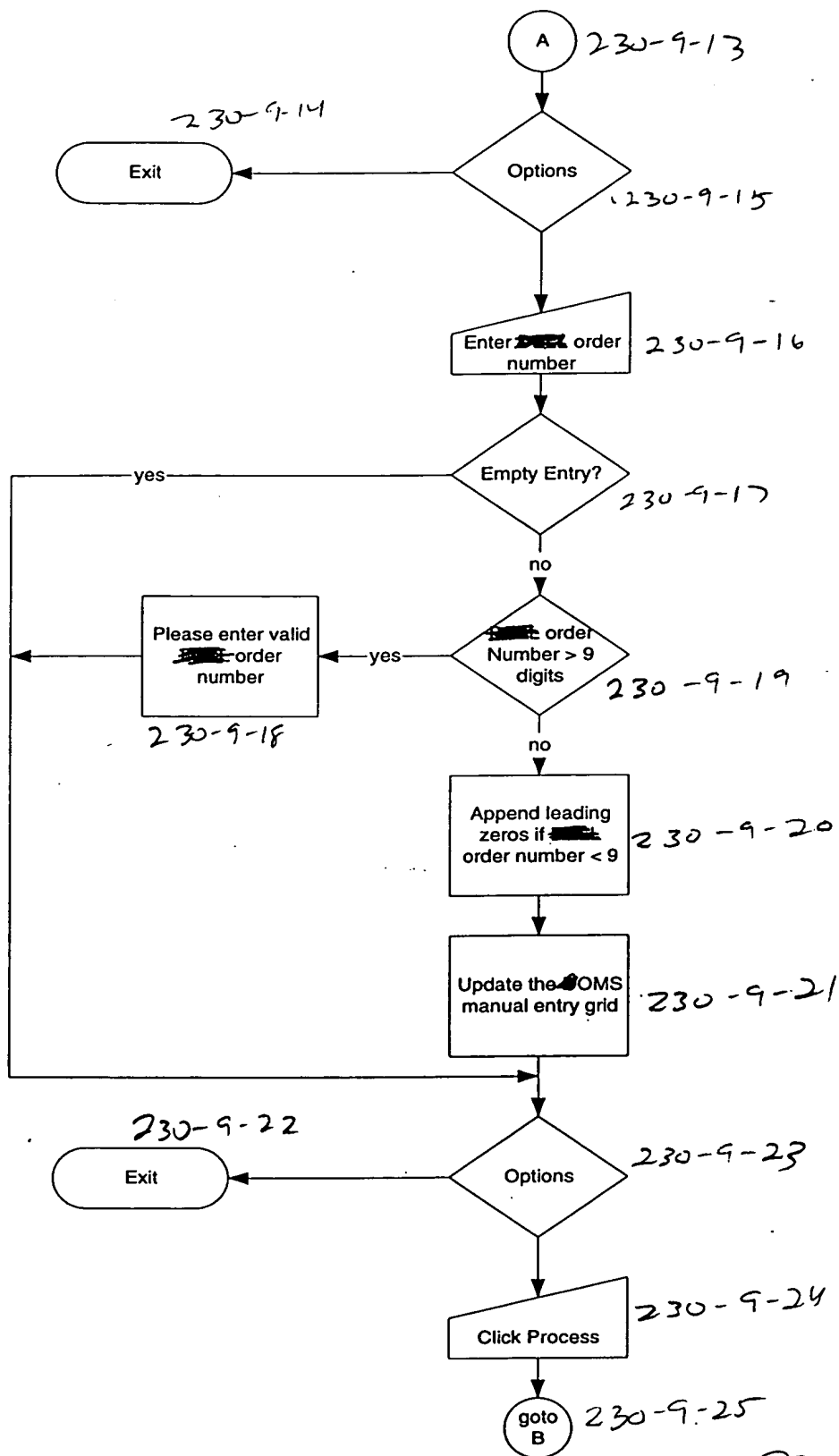


FIG. 23-9B

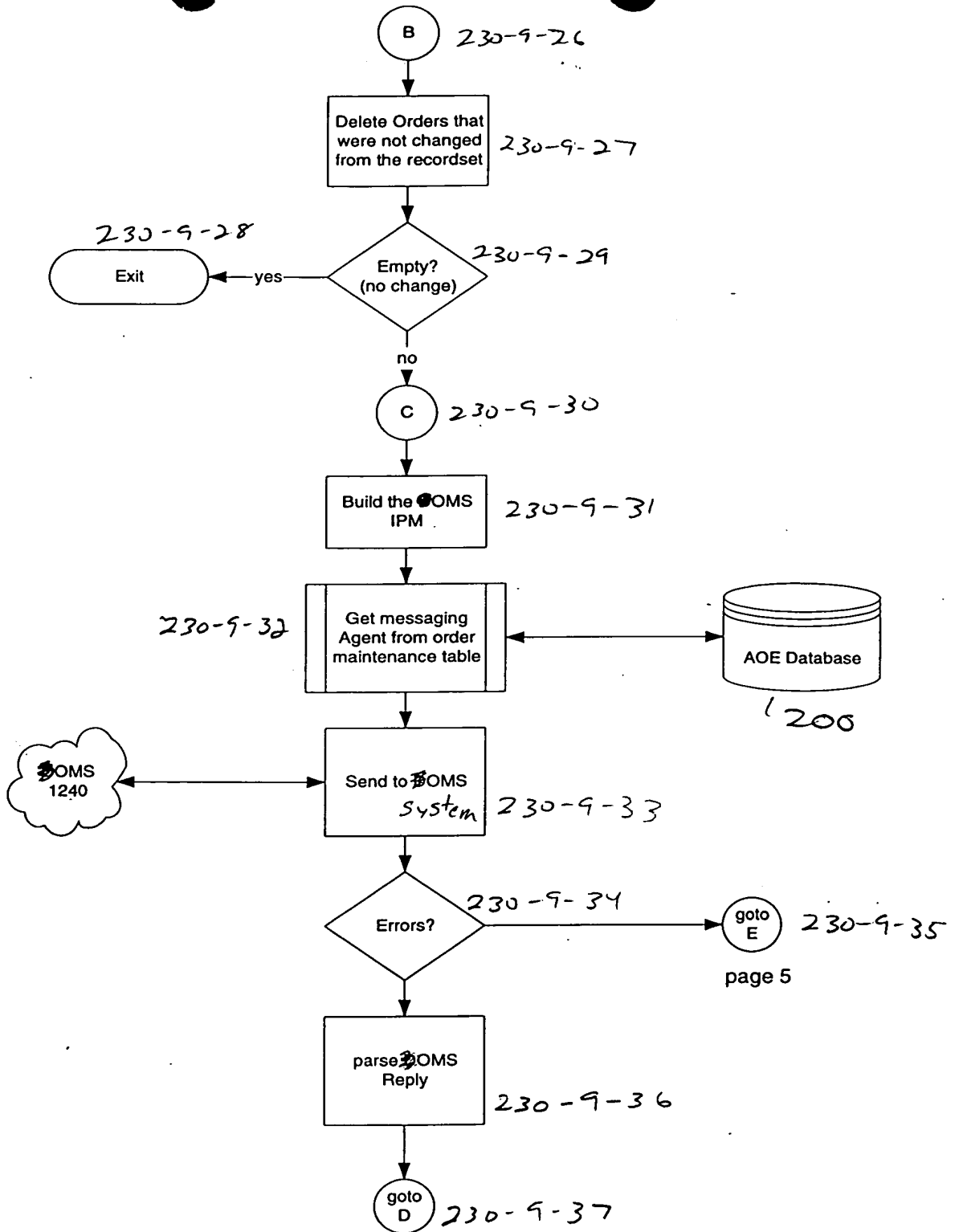


FIG 23-9C

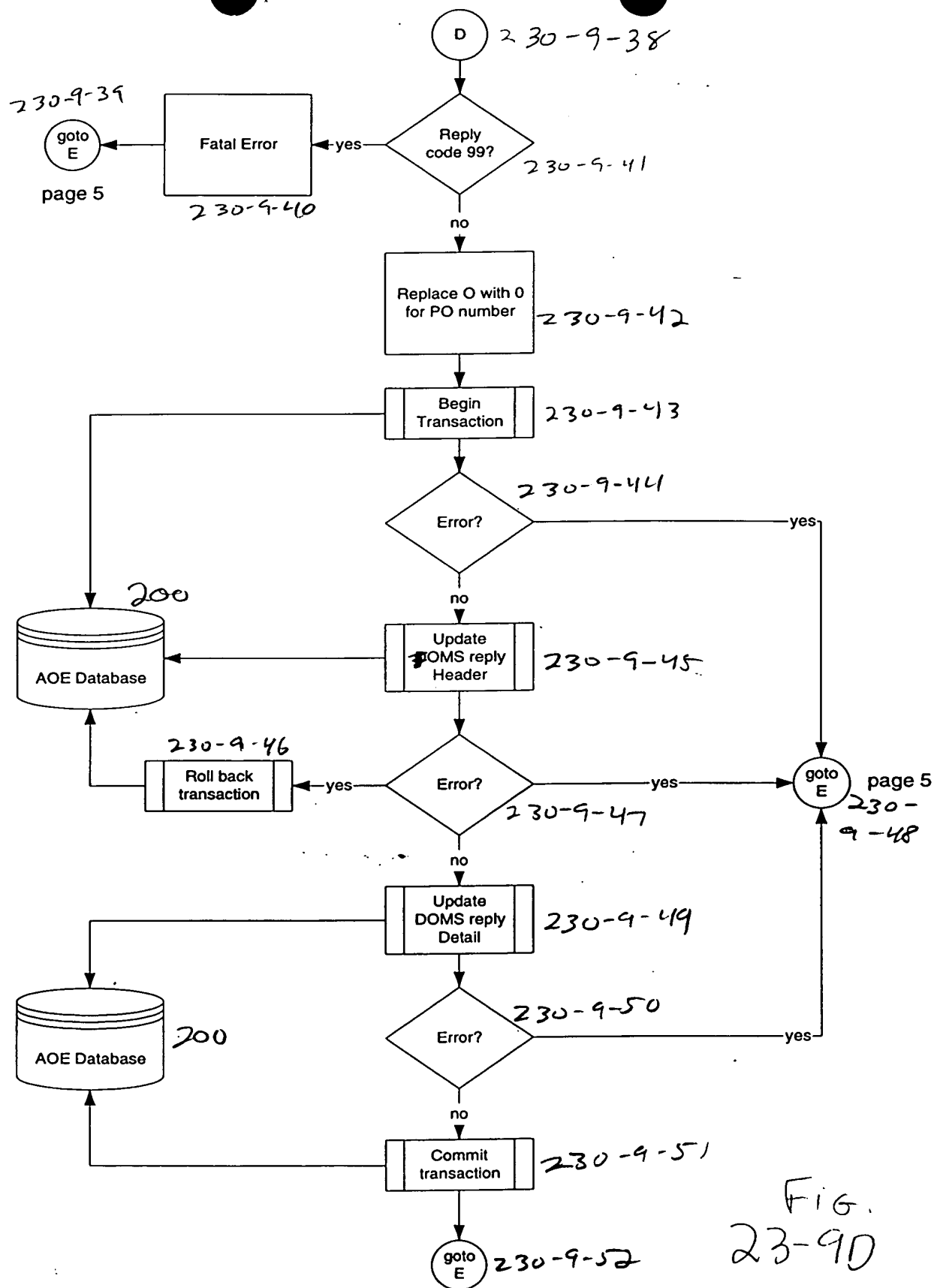


FIG.
23-90

2023-2024

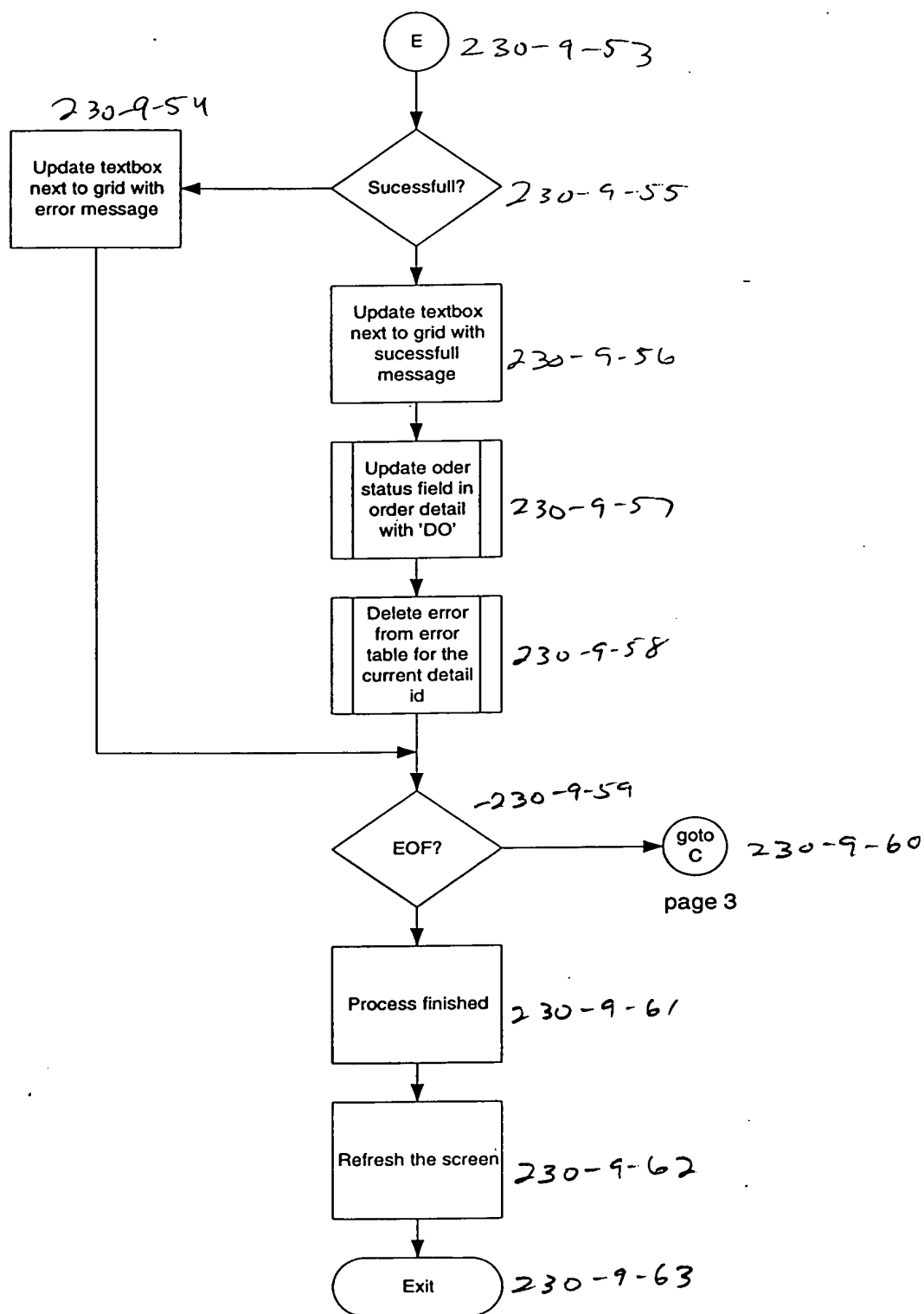


FIG. 23-9E

005043-064300

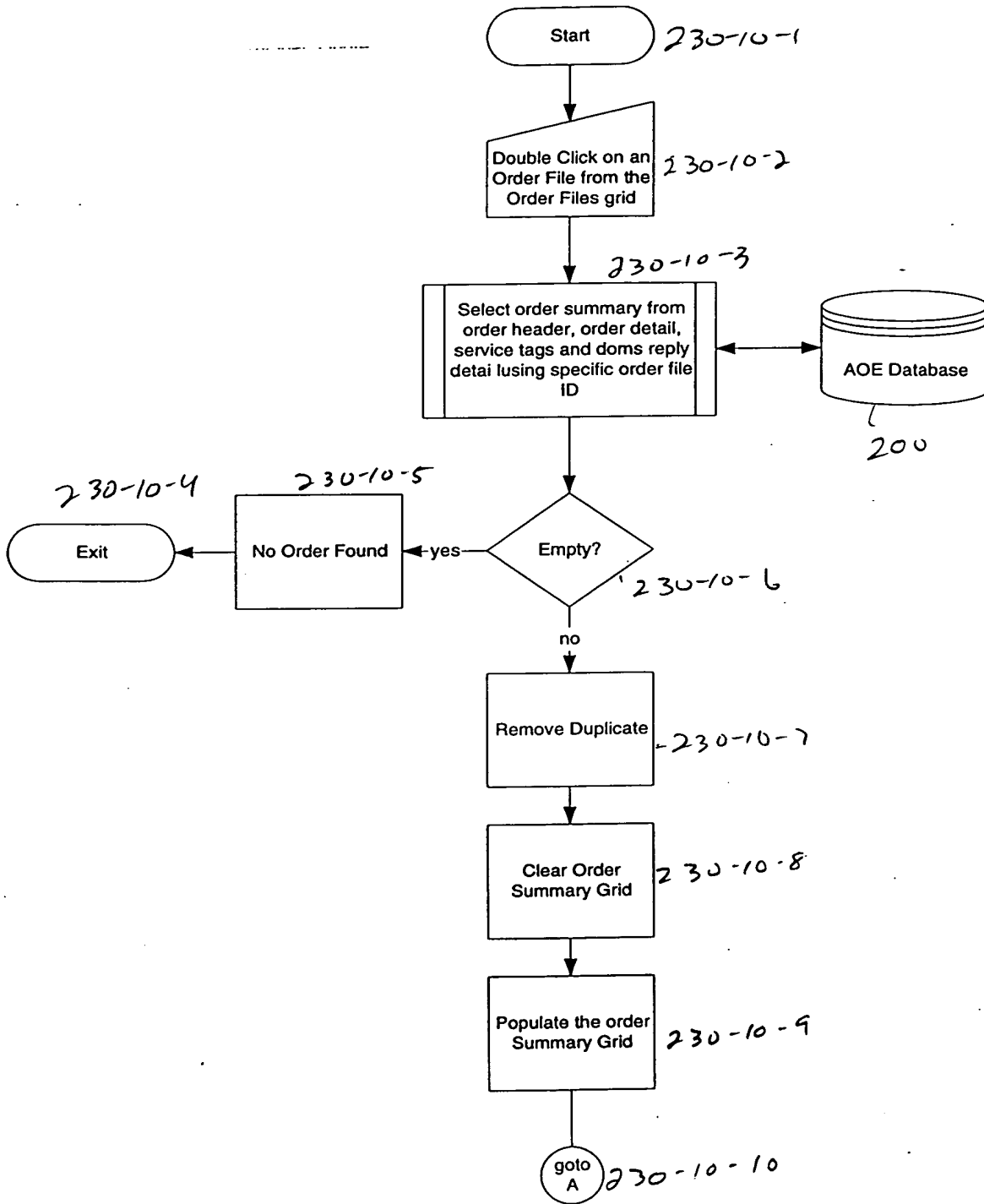


FIG.
23-10A

230-10-11 230-10-12 230-10-13 230-10-14 230-10-15 230-10-16

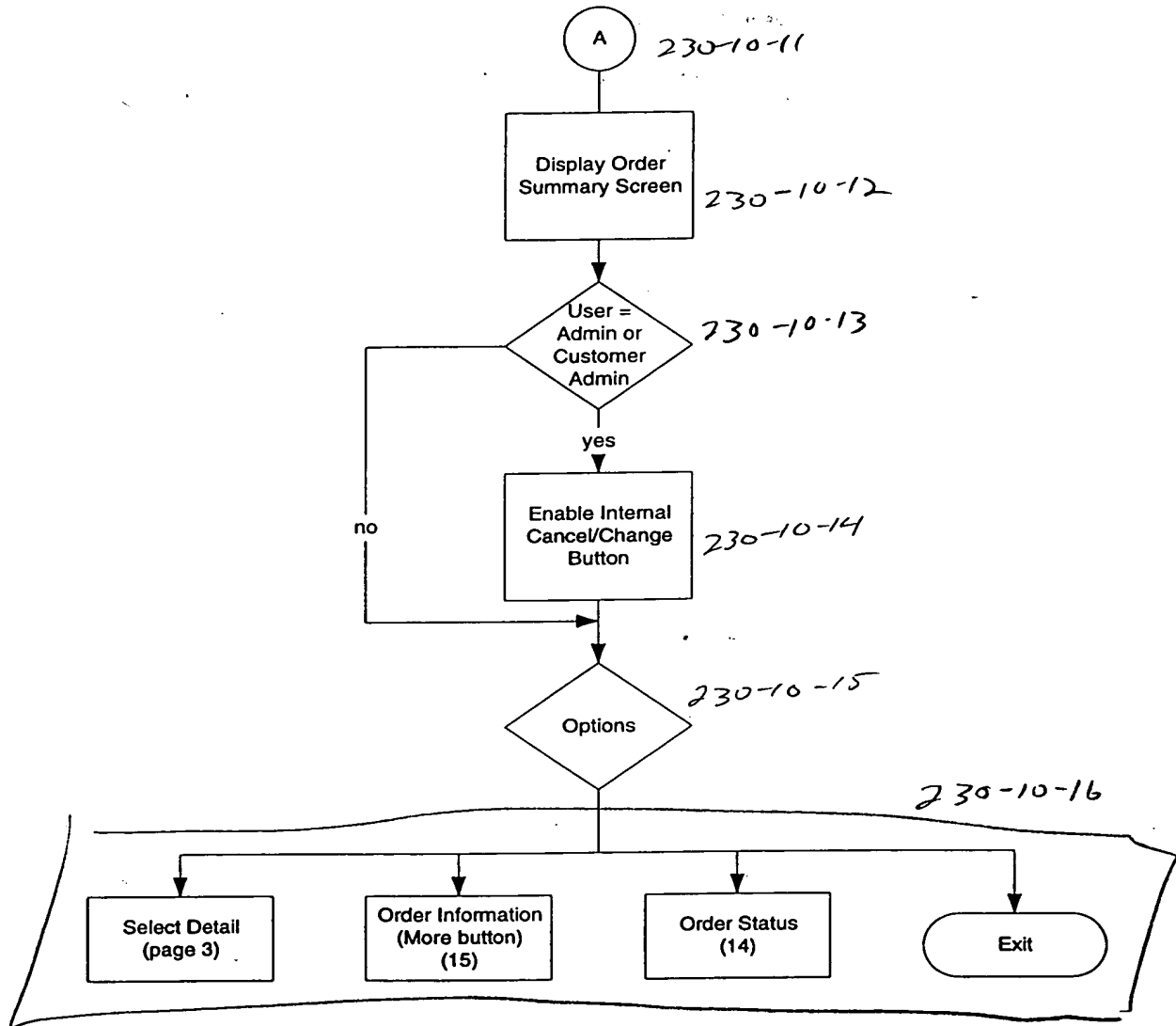
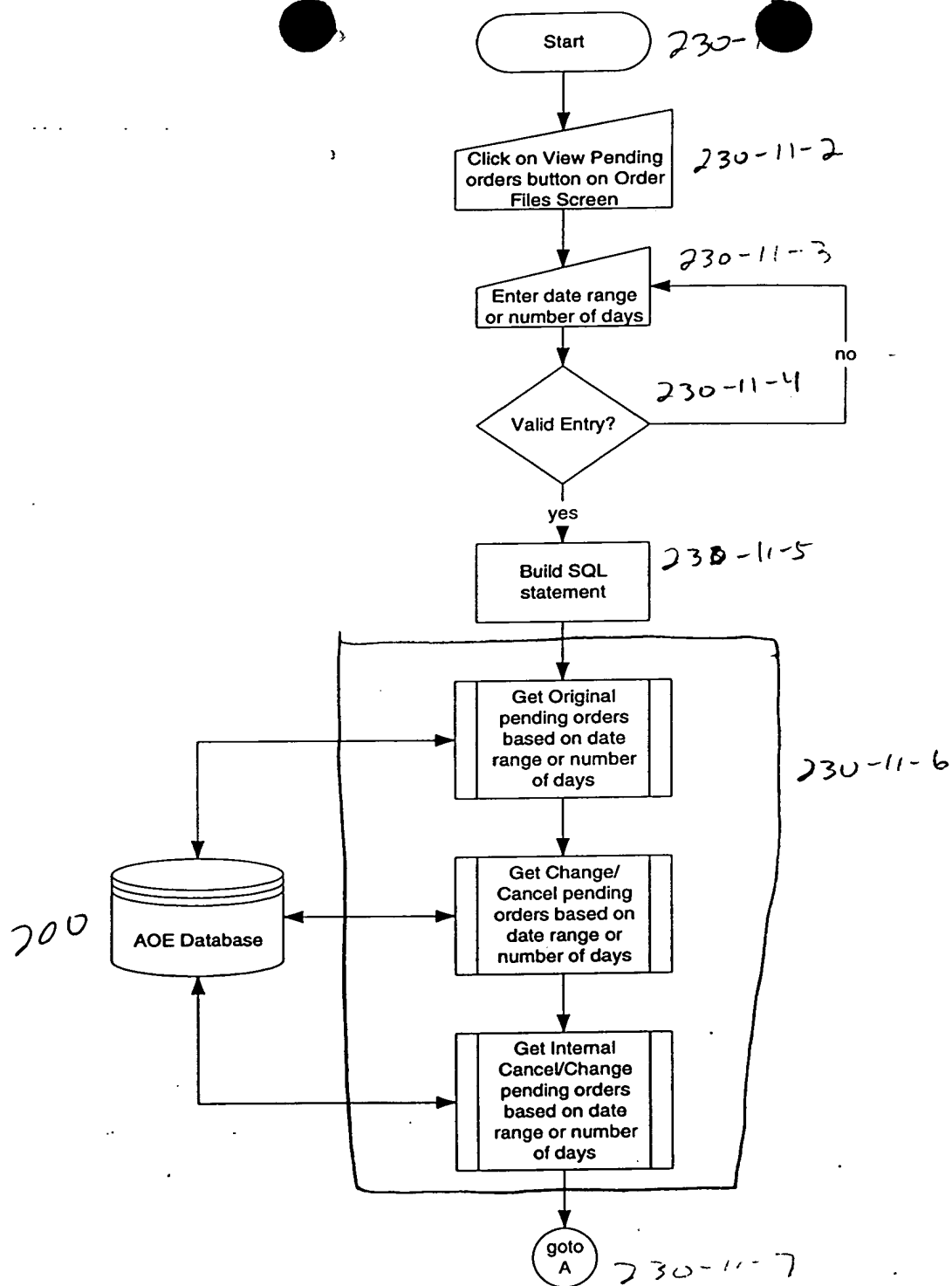
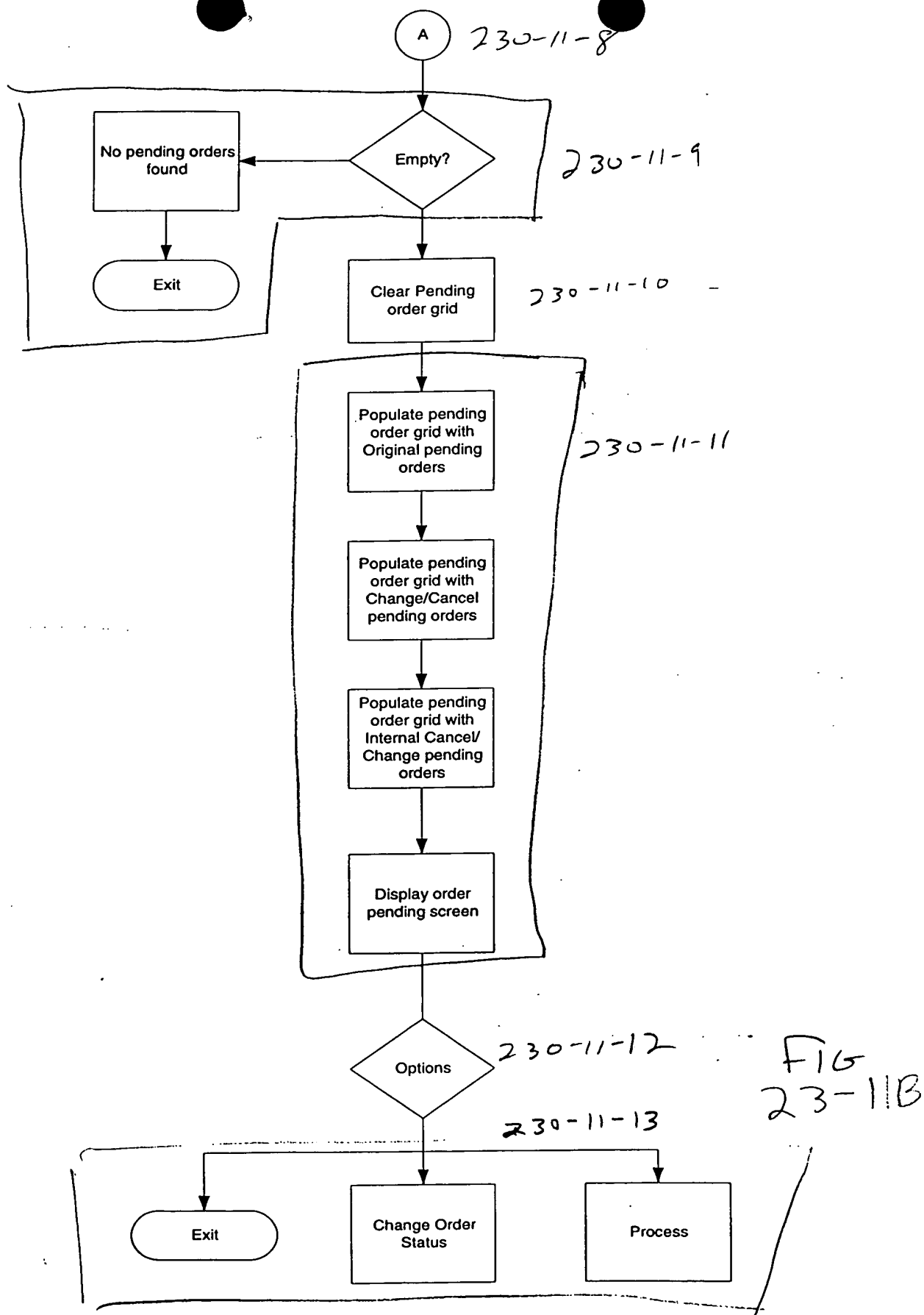
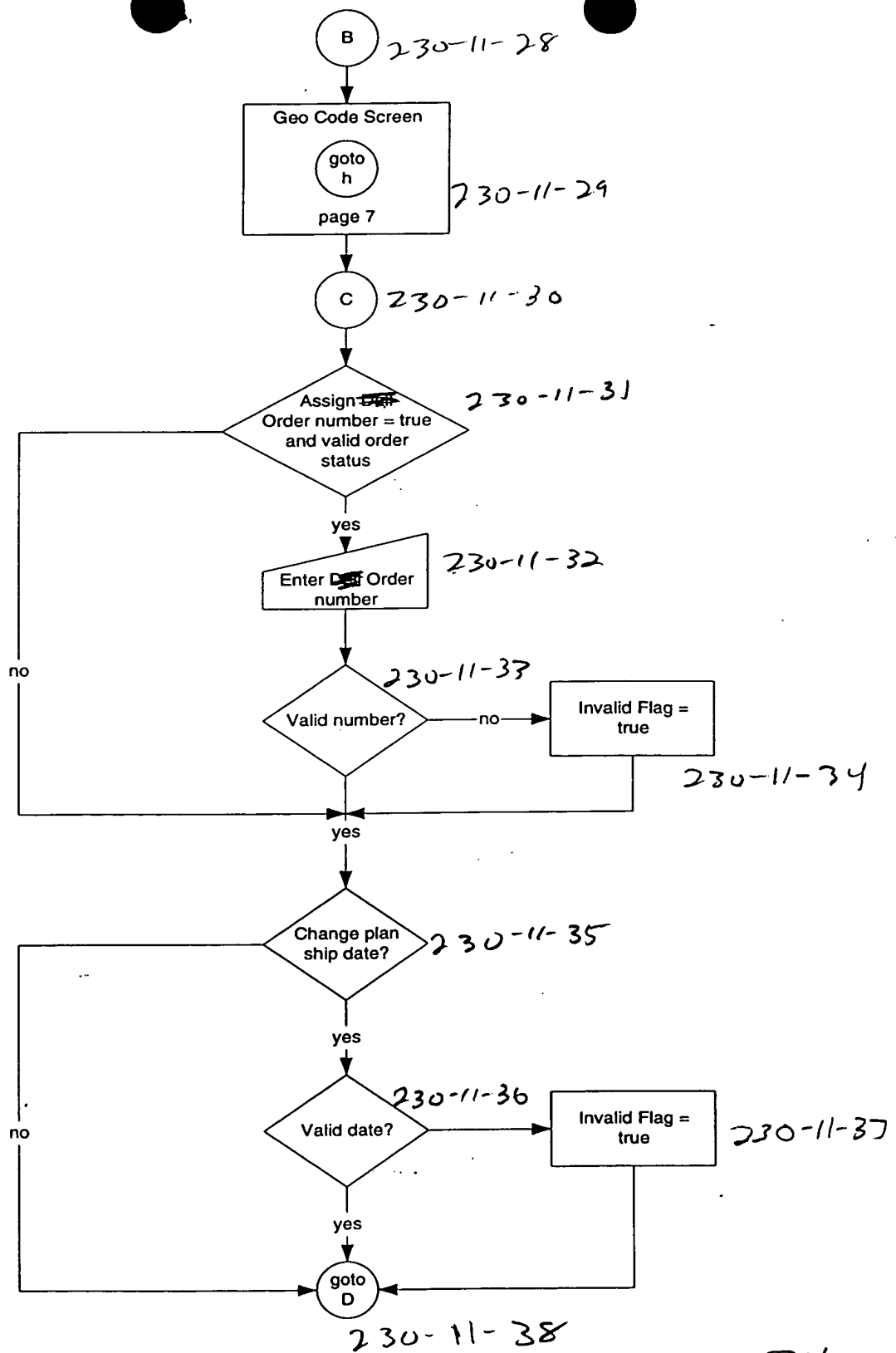


Fig.
23-10B

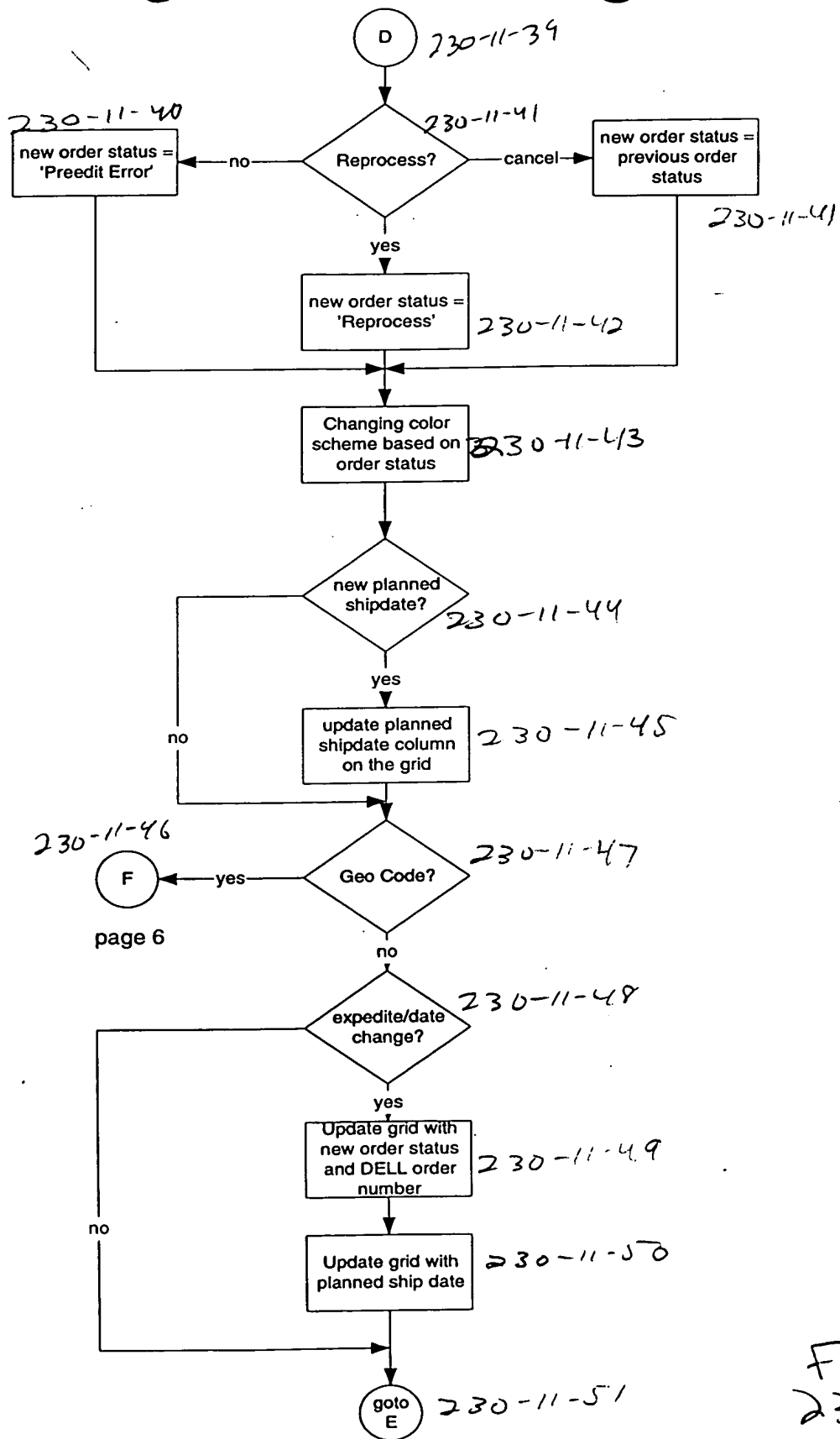


F. 6
23-11A

[illegible]



F16
23-11C



page 6

FIG
23-11D

002150 001000

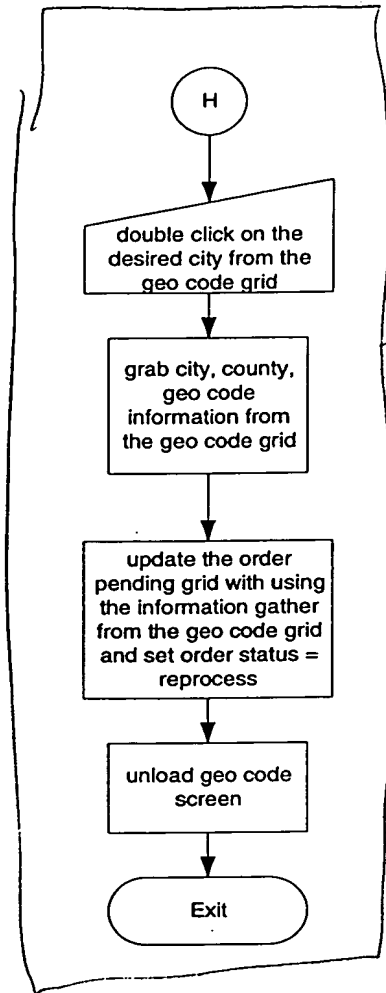
```

graph TD
    E((E)) --> D1{Internal Error & bundle?}
    D1 -- no --> D2{new order number?}
    D1 -- yes --> D2
    D2 -- yes --> P1[update order number = new order number]
    D2 -- no --> D3{Build New?}
    D3 -- yes --> P2[update order number = buildnew]
    P1 --> J1(( ))
    P2 --> J1
    D3 -- no --> J1
    J1 --> P3[update order status = new order status]
    P3 --> F((F))
    F --> D4{Geo Code & preedit error}
    D4 --> P4[update order status = new order status, order number = new order number]
    P4 --> G((G))
    D4 --> G
    G --> D5{options}
    D5 --> Exit([Exit])
    D5 --> Change[Change Order Status]
    D5 --> Process[Process]

```

FIG
23-11E

09593112 061300



230-11-65

FIG
23-11F

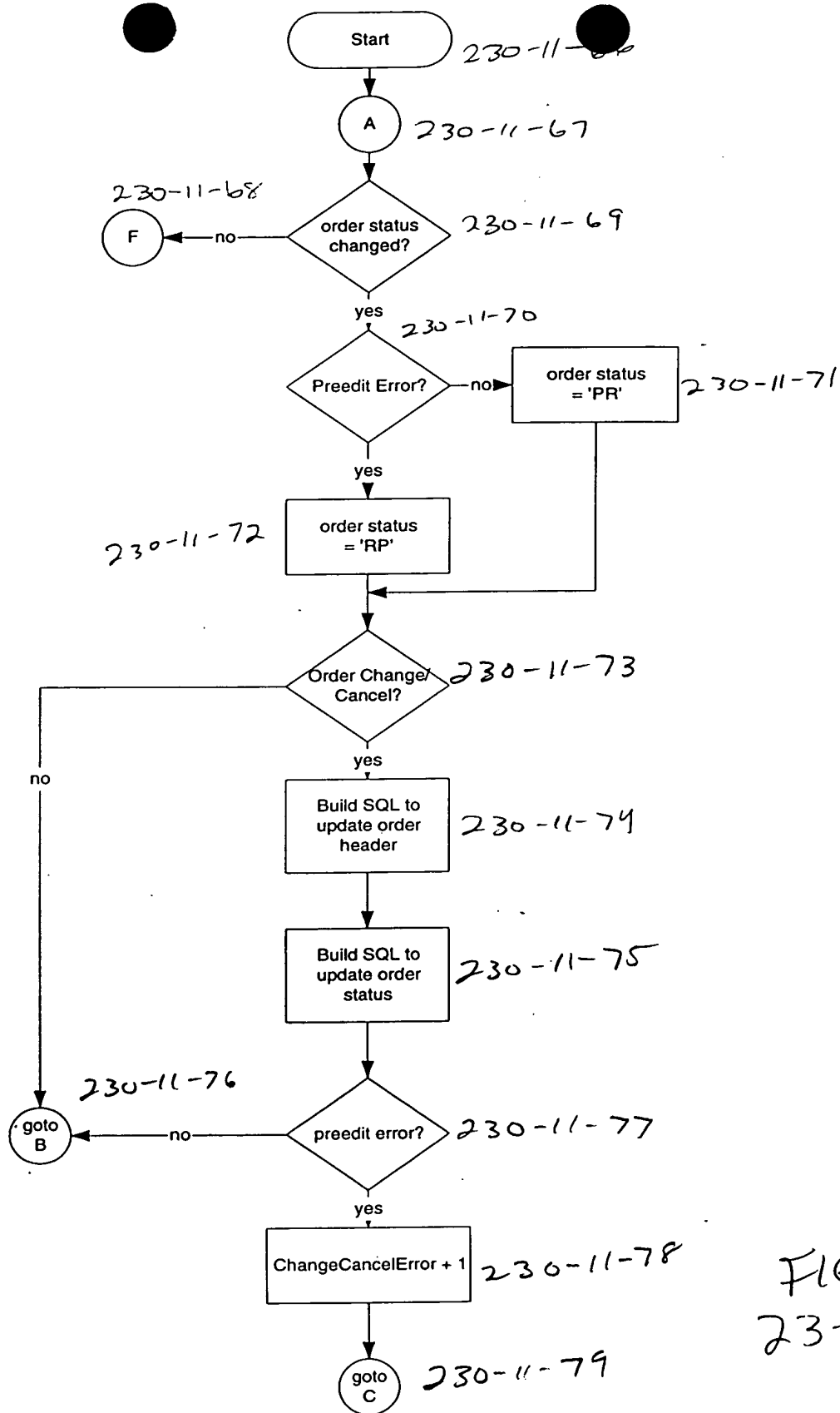
[illegible]

FIG
23-11G

002130-2126300

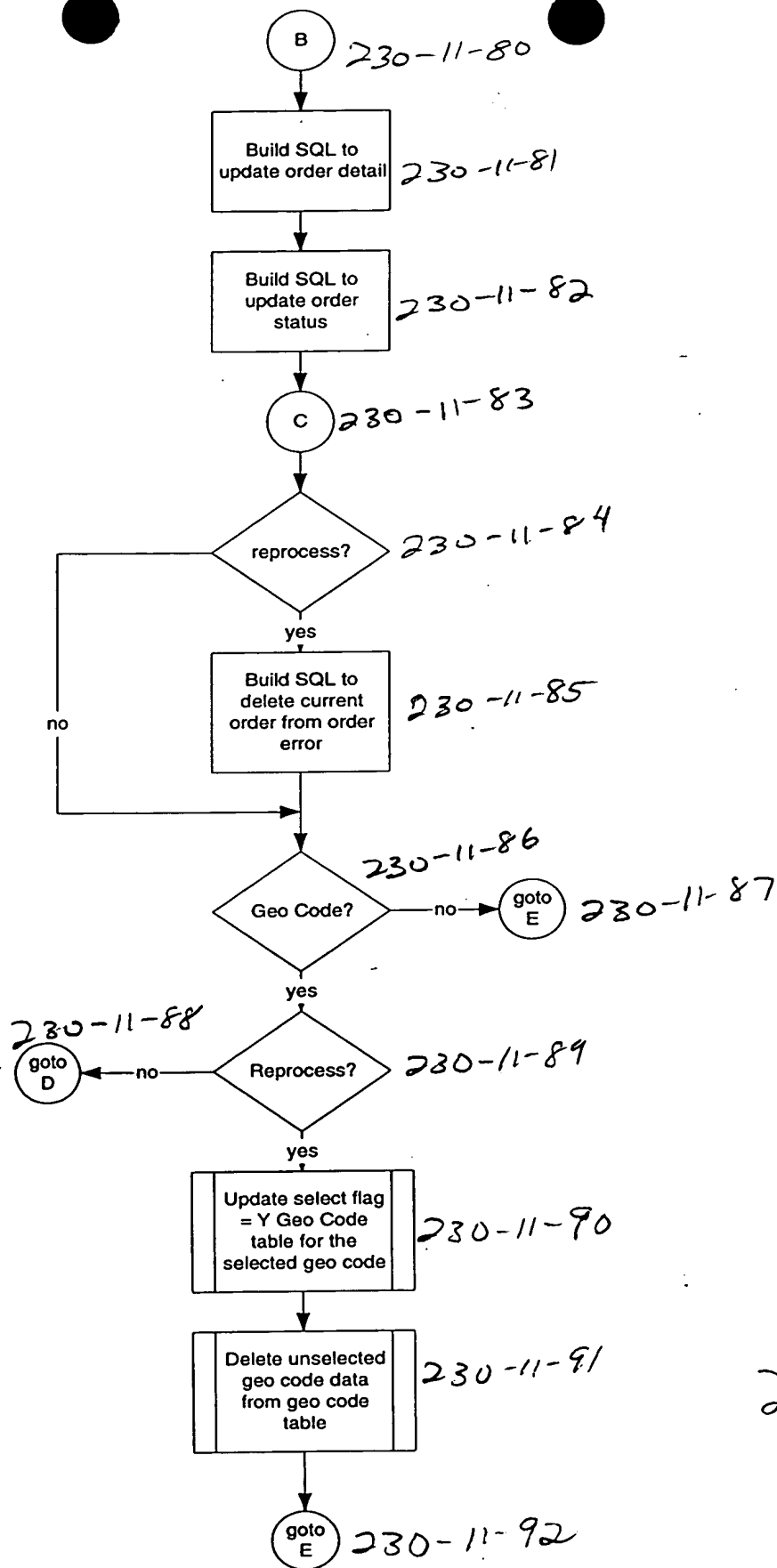


FIG
23-11H

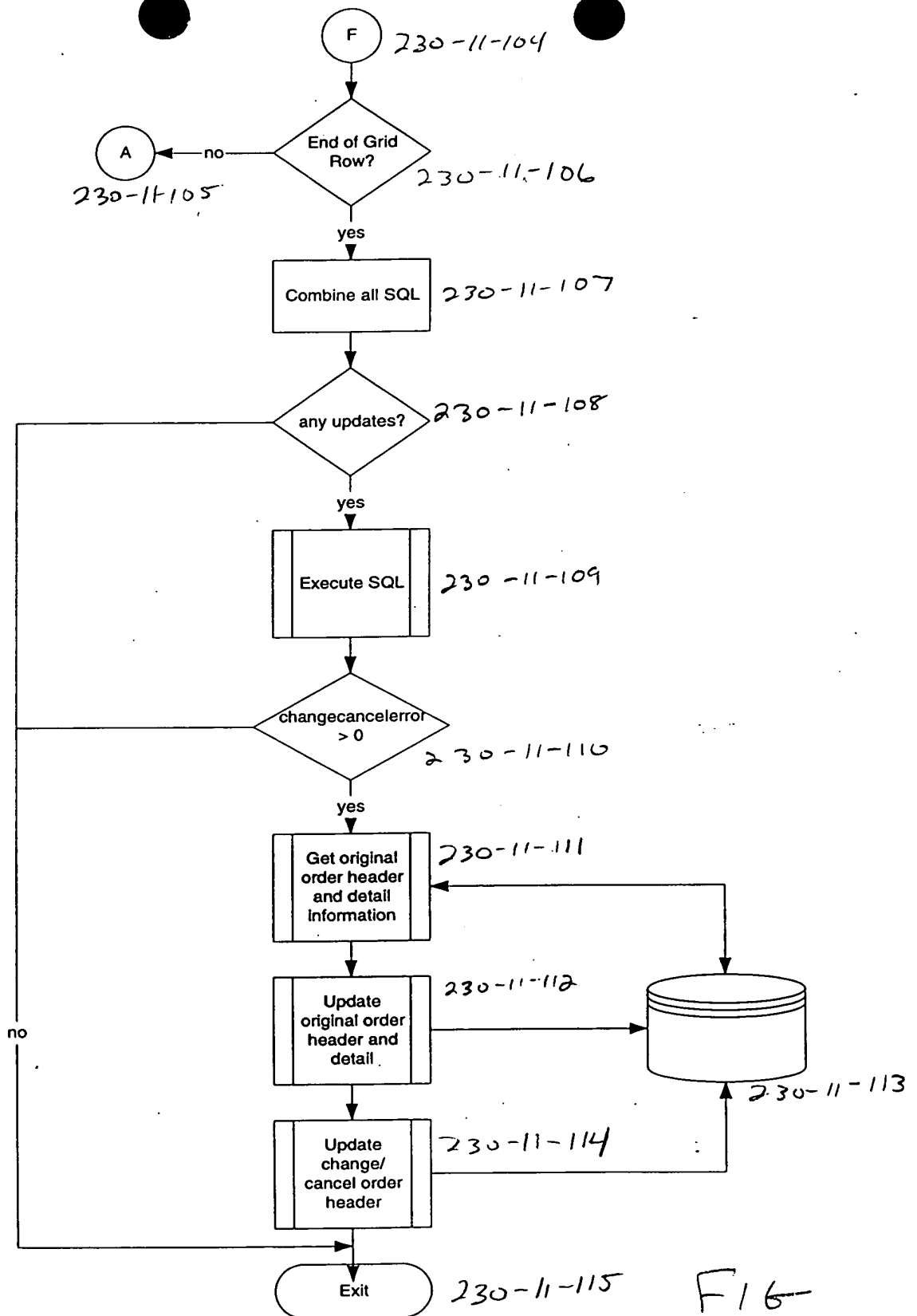
```

graph TD
    D((D)) --> B1[Get the last order error number from order error table for the current order]
    B1 --> DB1[(AOE Database)]
    B1 --> B2[Build SQL to add order error message for the current order]
    B2 --> E((E))
    E --> D1{Expedited Ship Date Change order?}
    D1 -- yes --> D2{predit error?}
    D1 -- no --> D3{Reprocess?}
    D2 -- yes --> B3[Get the last order error number from order error table for the current order]
    D2 -- no --> D3
    B3 --> DB2[(AOE Database)]
    B3 --> D3
    D3 -- yes --> B4[Build SQL to update planned shipdate for the current order]
    D3 -- no --> B5[Build SQL to add order error message for the current order]
    B4 --> B5
    B5 --> F((Goto F))
    F --> D3
    F --> D1

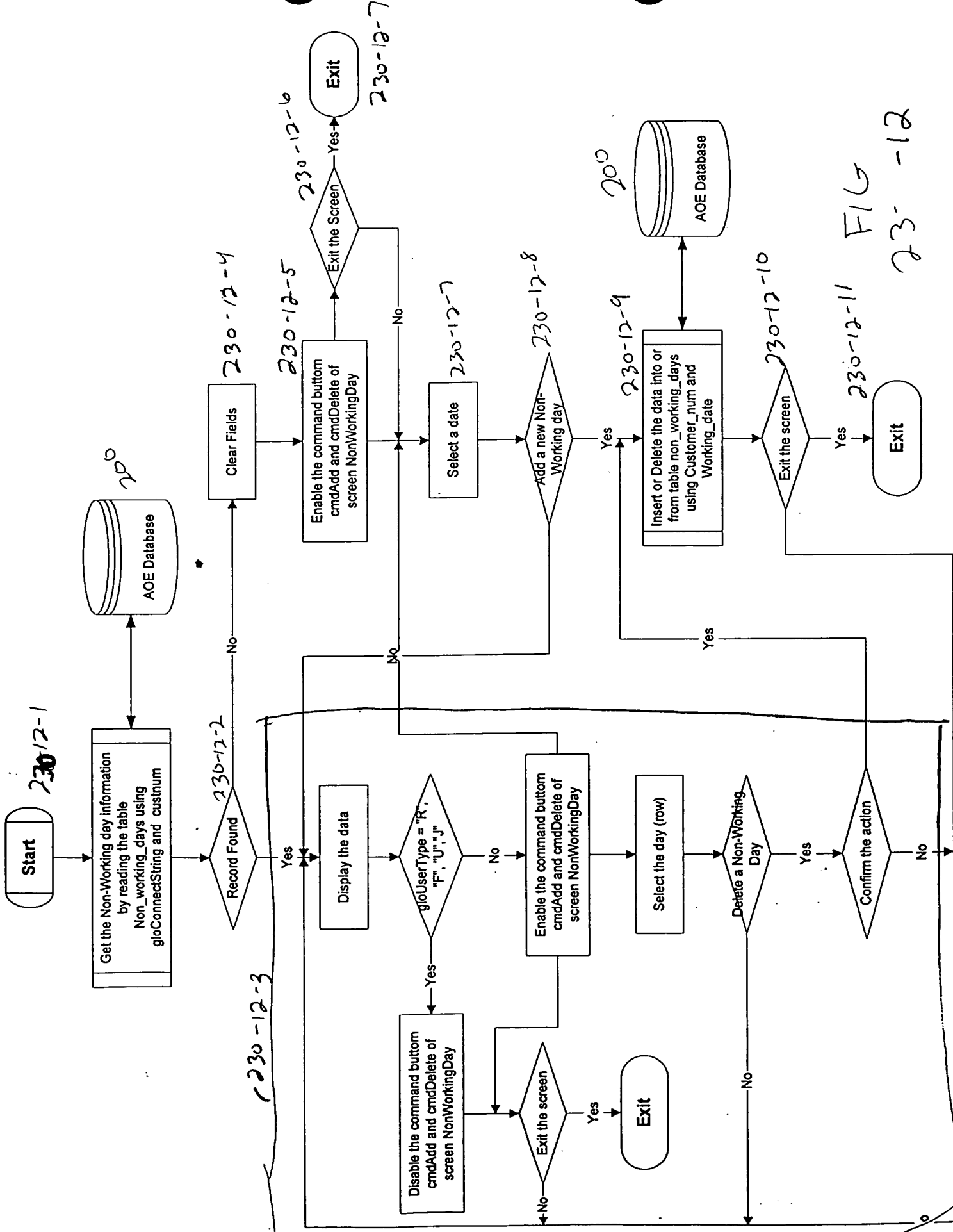
```

F16
23-11 I

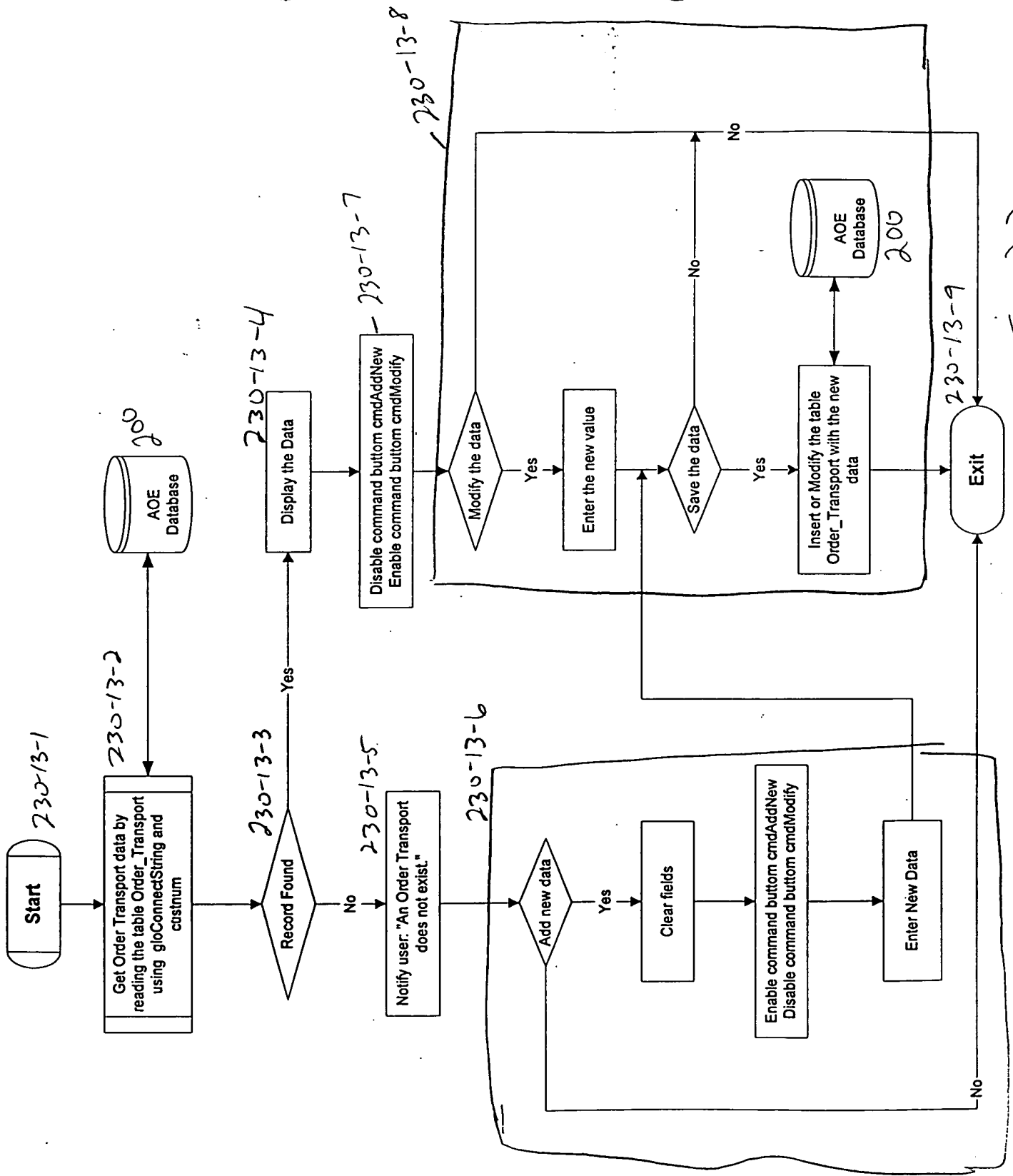
005043 061000

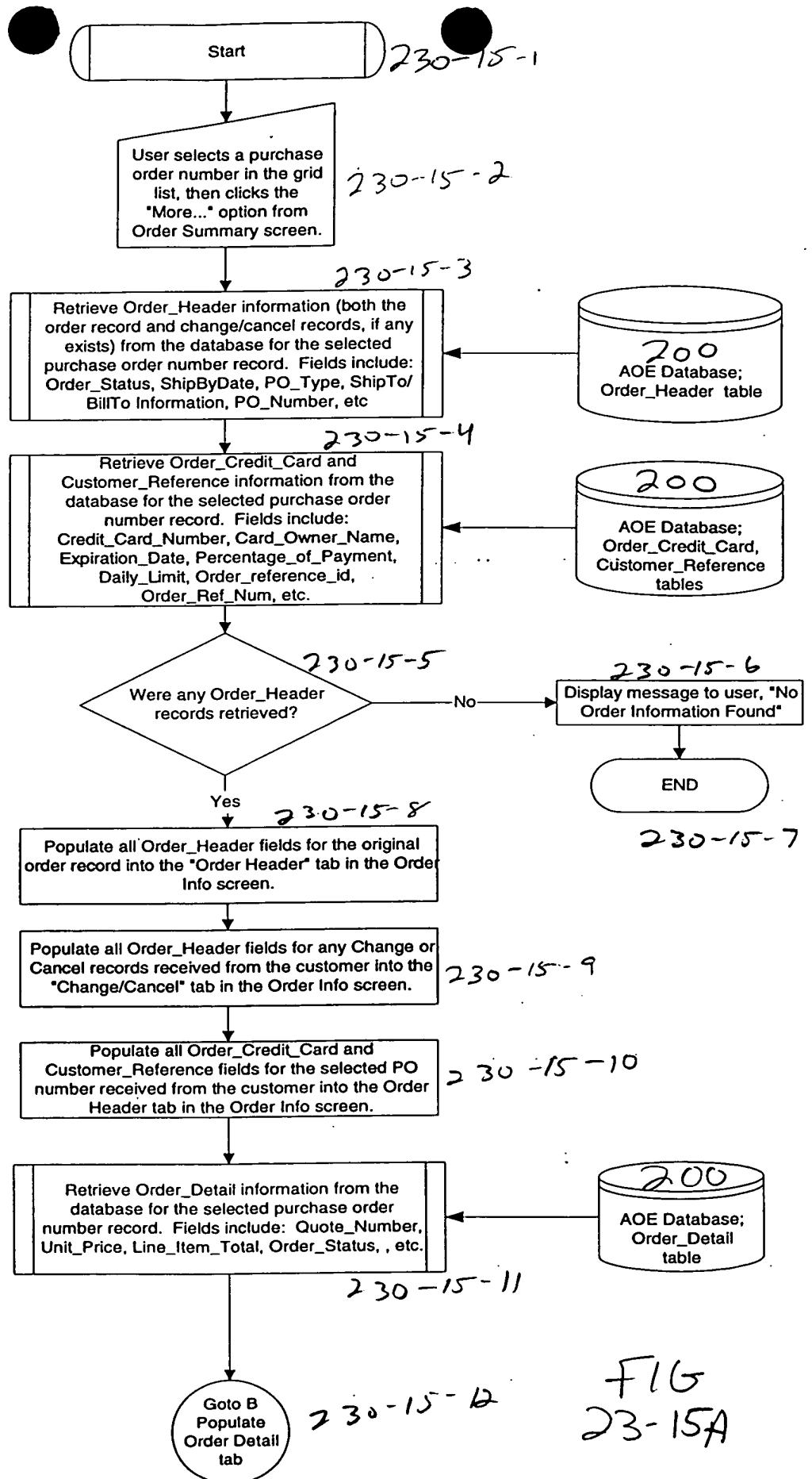


F16-
23-11 J



230-12-11 FIG 23-12





```

graph TD
    Start([B  
Populate  
Order Detail  
tab]) --> Decision1{Were any Order_Detail  
records retrieved?}
    Decision1 -- No --> Display1[Display Order_Information screen]
    Decision1 -- Yes --> Process1[Populate all Order_Detail records for the selected  
PO number received from the customer into the  
Order Detail tab in the Order Info screen.]
    Process1 --> Process2[Retrieve Order_Option information from the  
database for the selected purchase order  
number record. Fields include:  
Option_Indicator, Option_Quantity,  
Legend_Code, Action_Code , etc.]
    AOE[(AOE Database;  
Order_Option  
table)] --> Process2
    Process2 --> Decision2{Were any Order_Option  
records retrieved?}
    Decision2 -- No --> Display2[Display Order_Information screen]
    Decision2 -- Yes --> Process3[Populate all Order_Option records for the selected  
PO number received from the customer into the  
Order Detail tab in the Order Info screen.]
    Display1 --> End([END])
    Display2 --> End
    Process3 --> End

```

FIG 23-15 B

SECRET

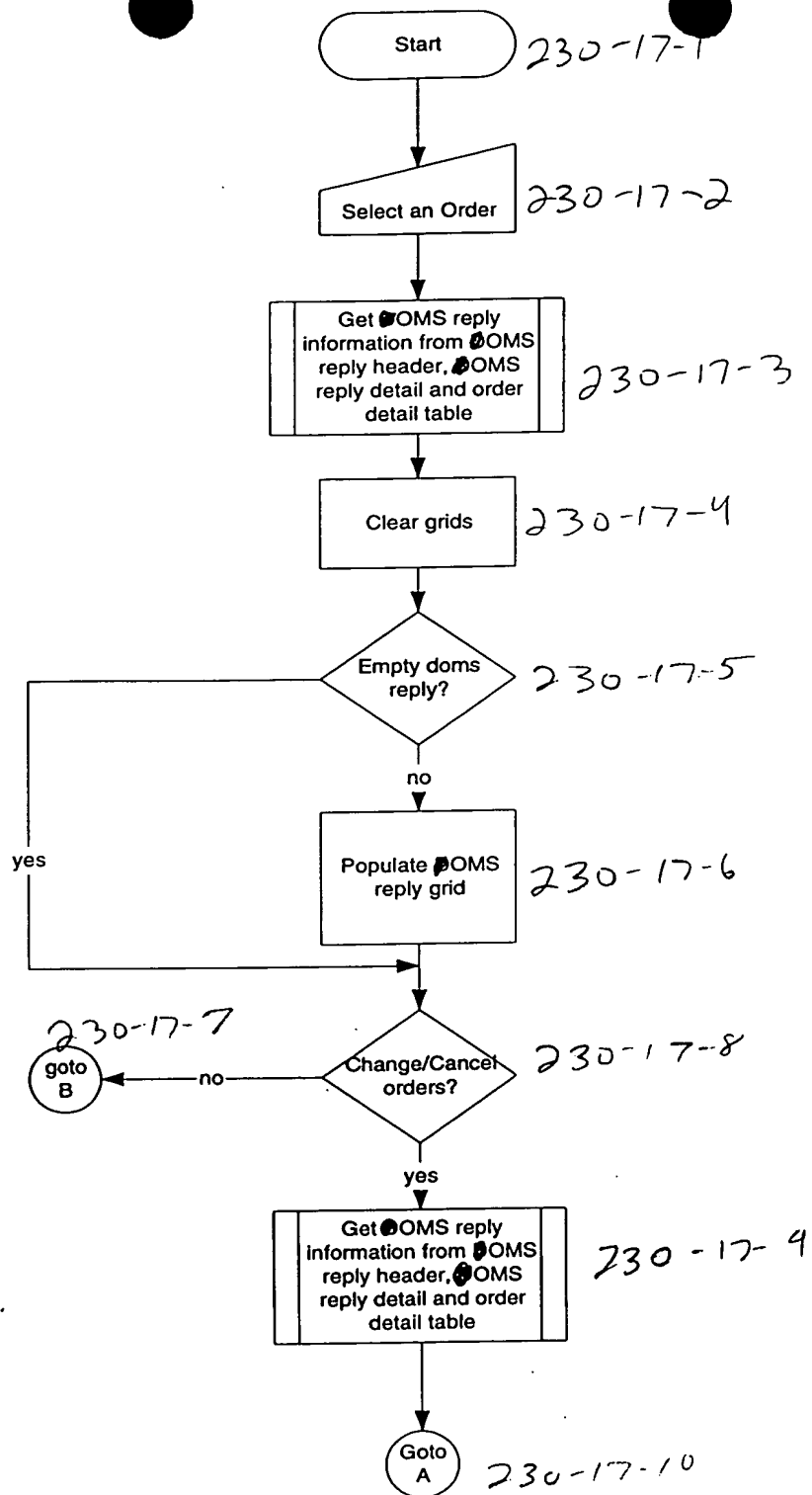


FIG. 23-17A

09593112 061300

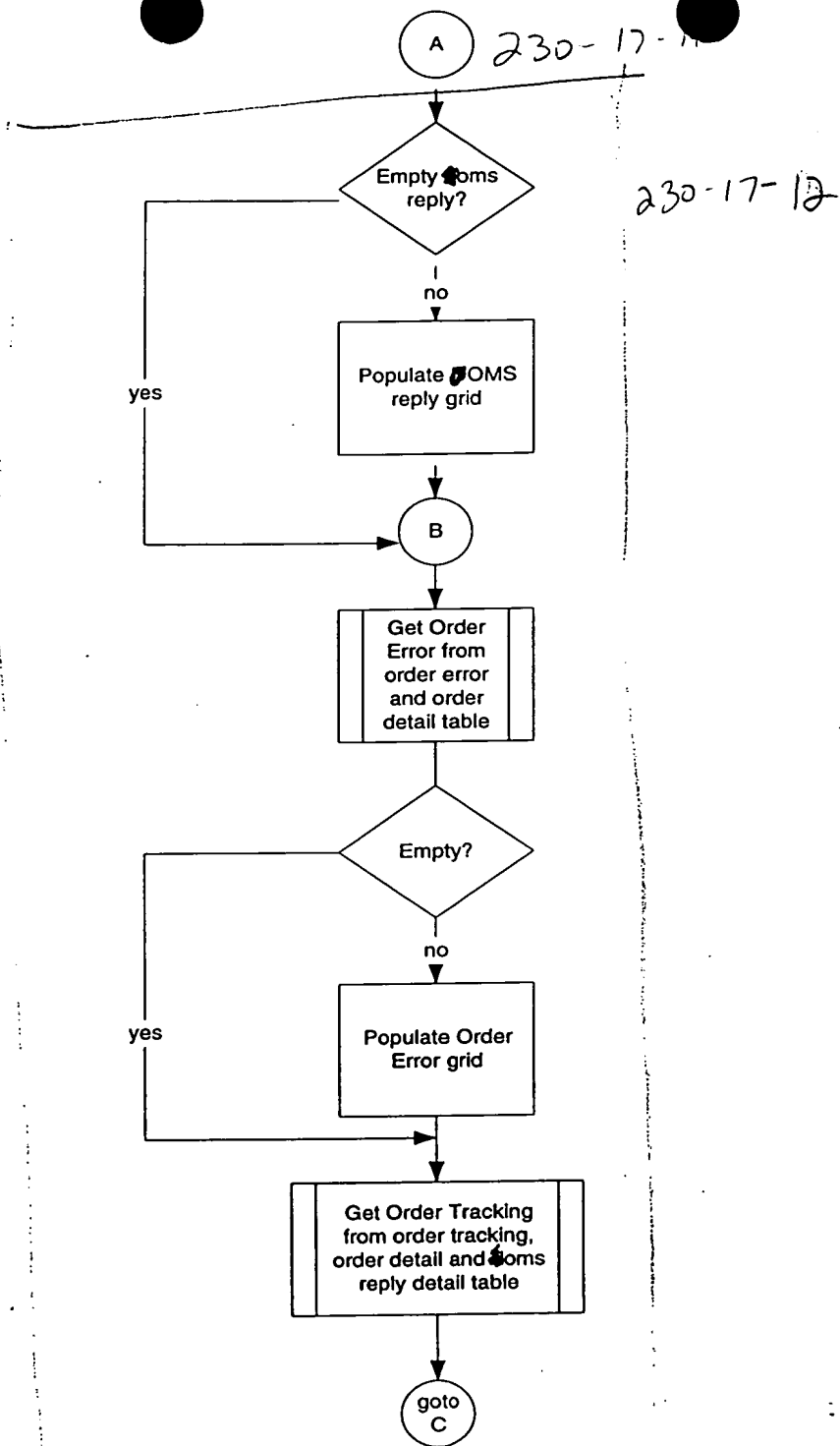


FIG. 23-17B

090914Z 061000

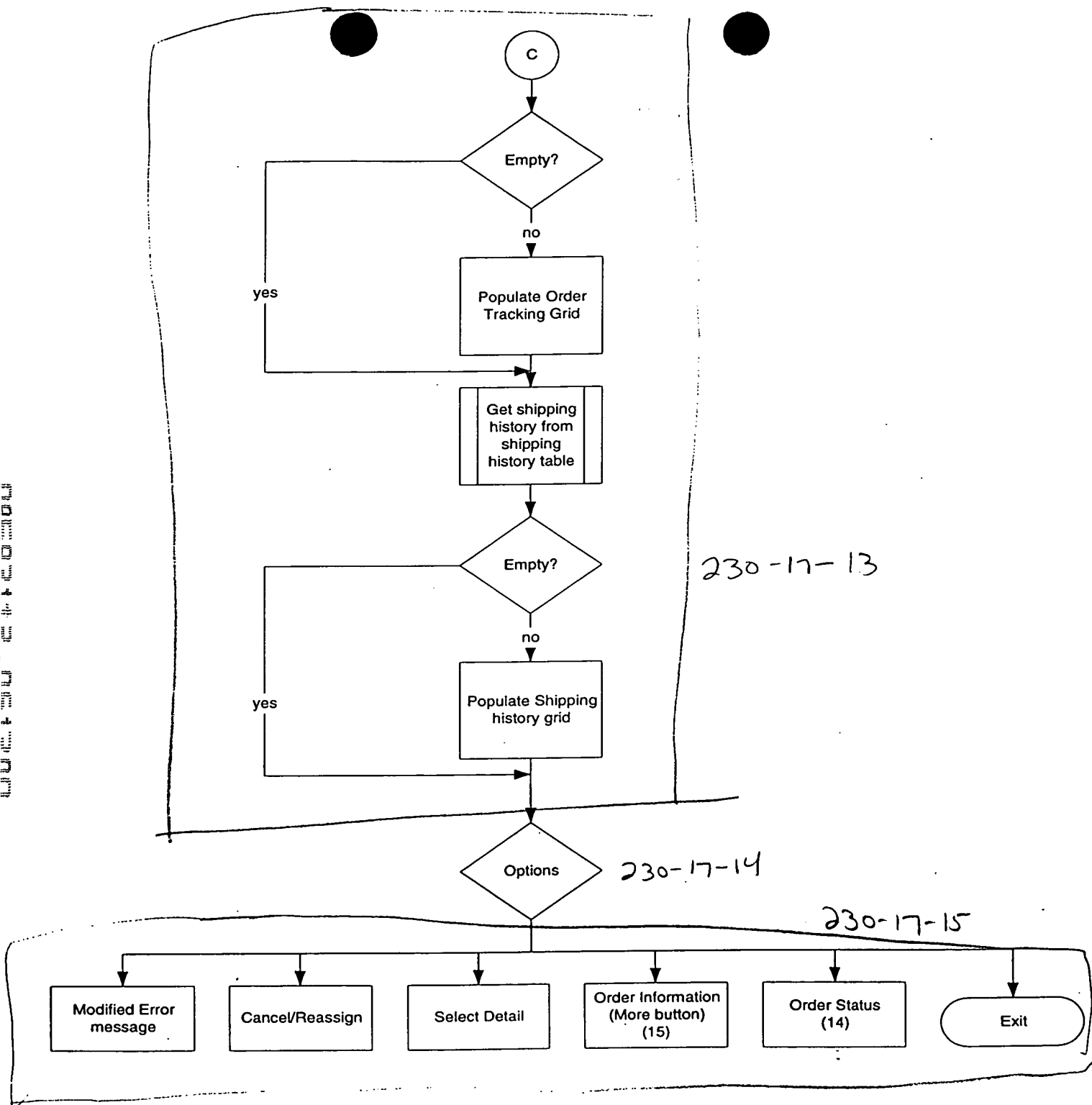


Fig. 23-17c

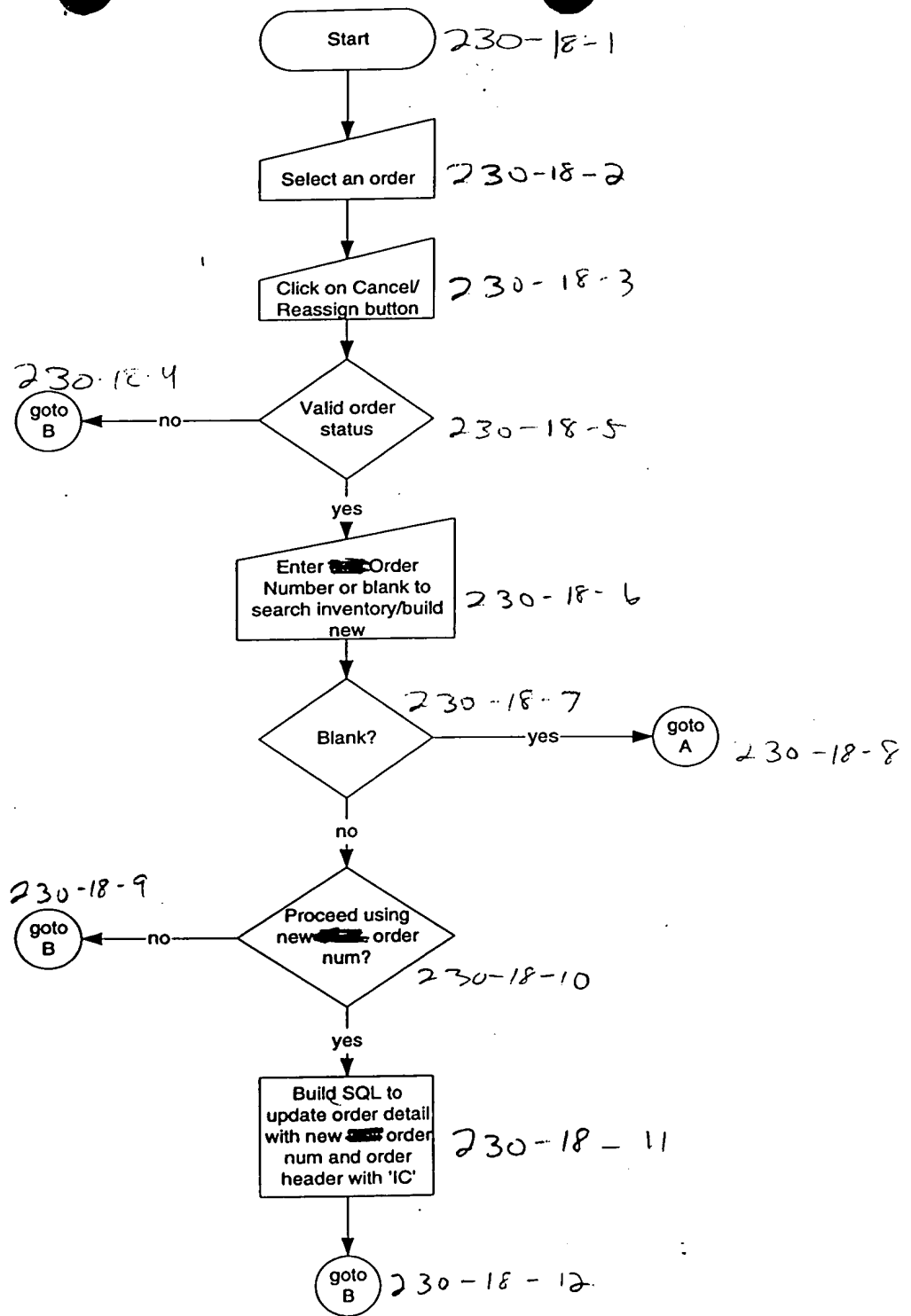


FIG 23-18A

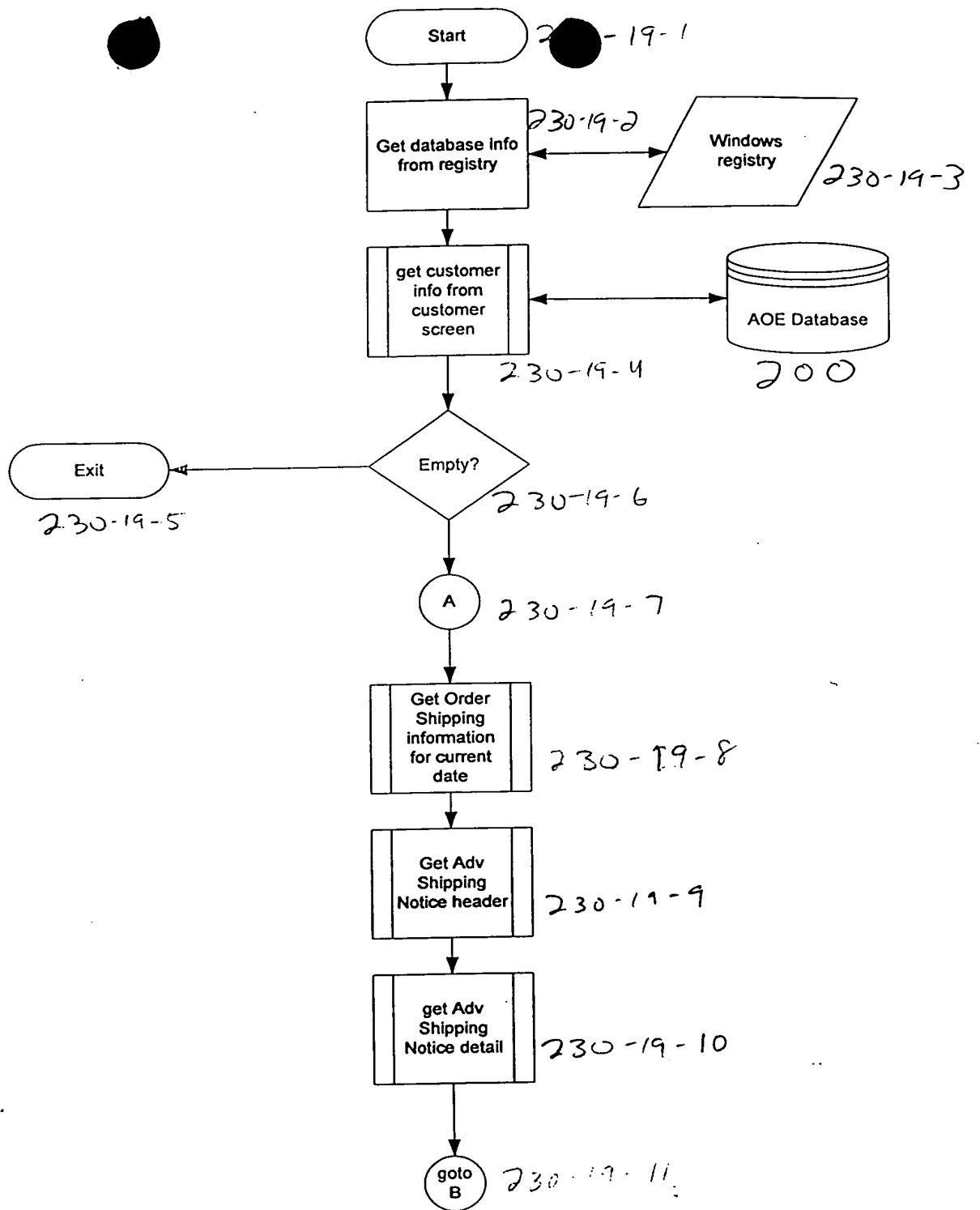


FIG. 23-19A

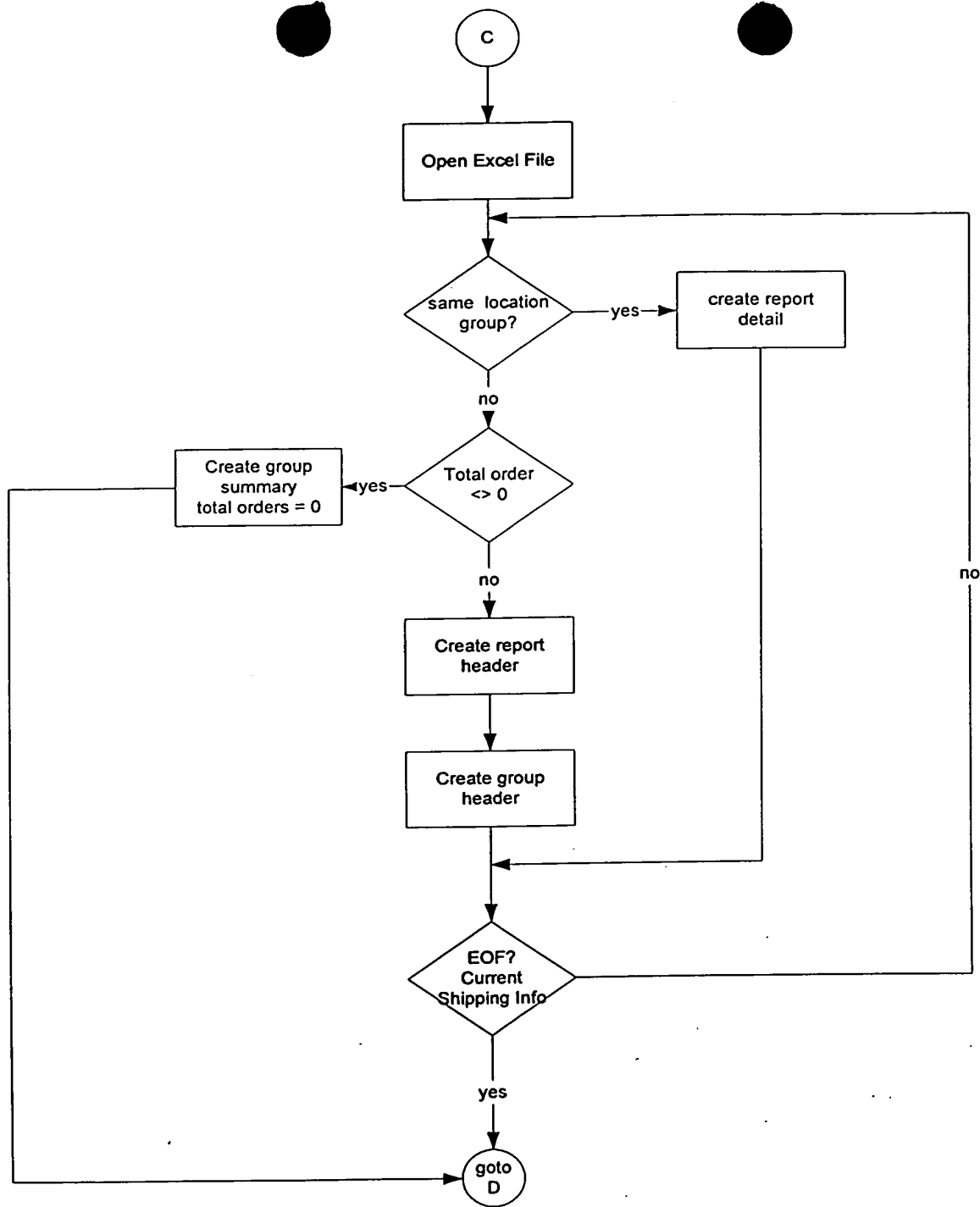
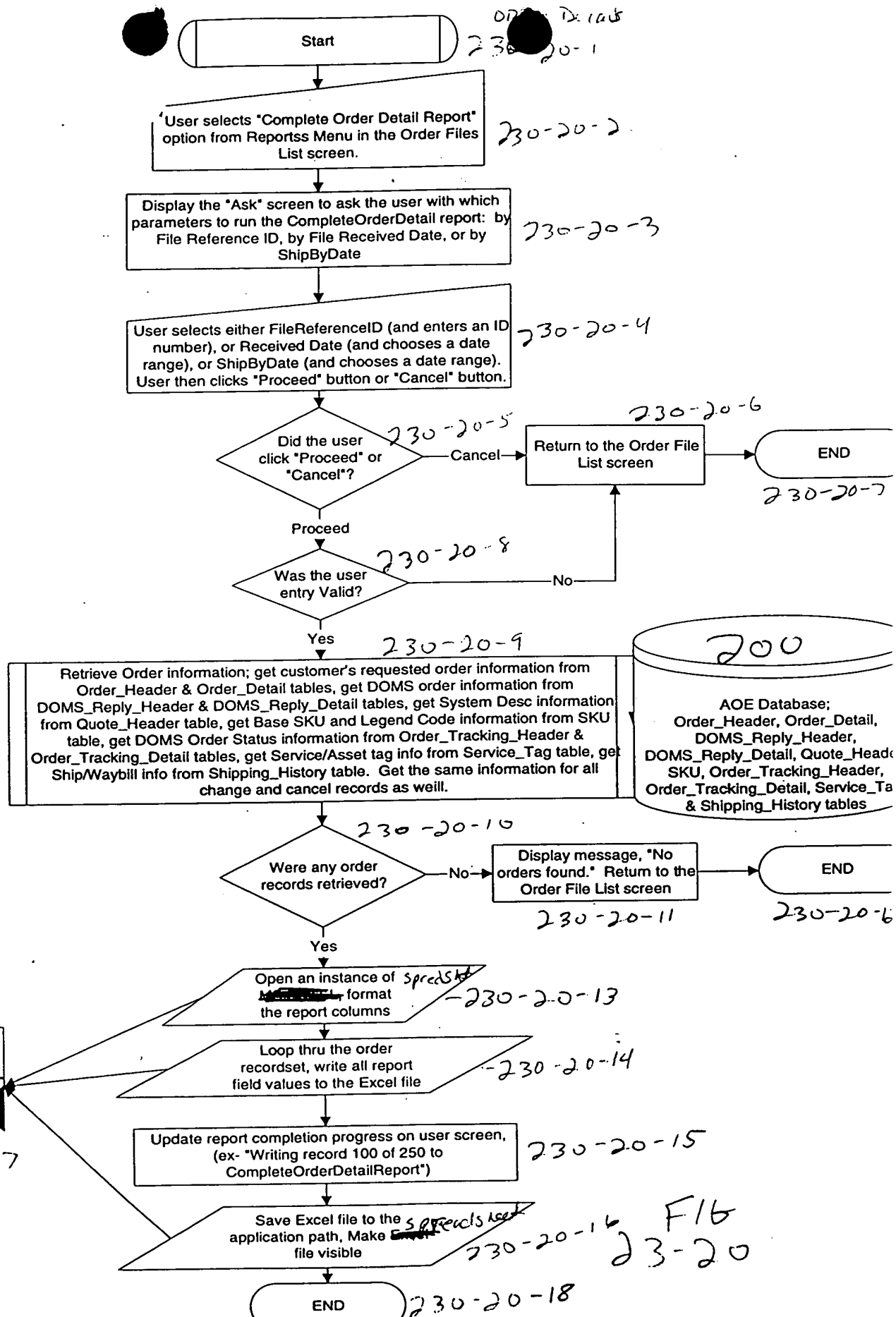
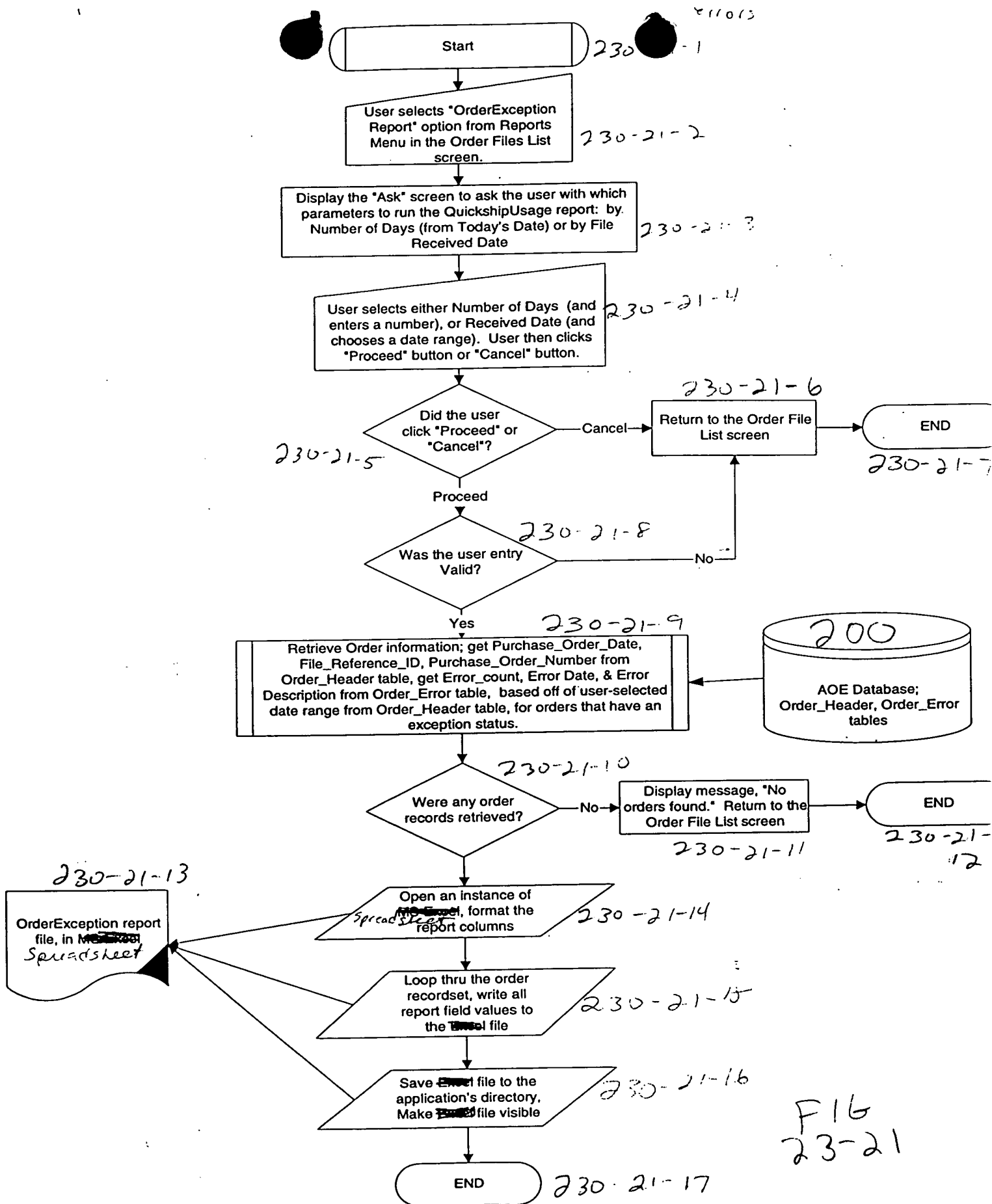
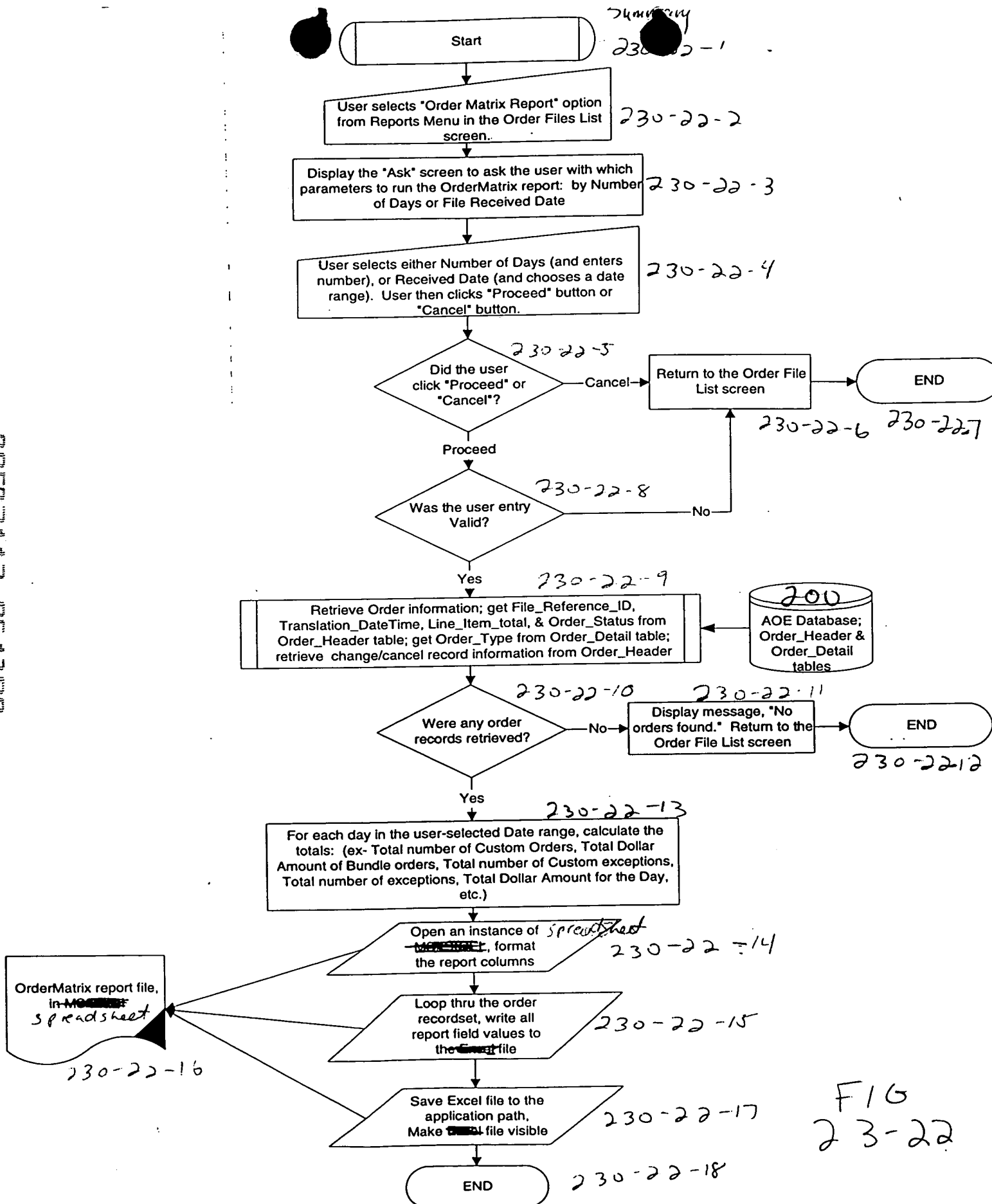


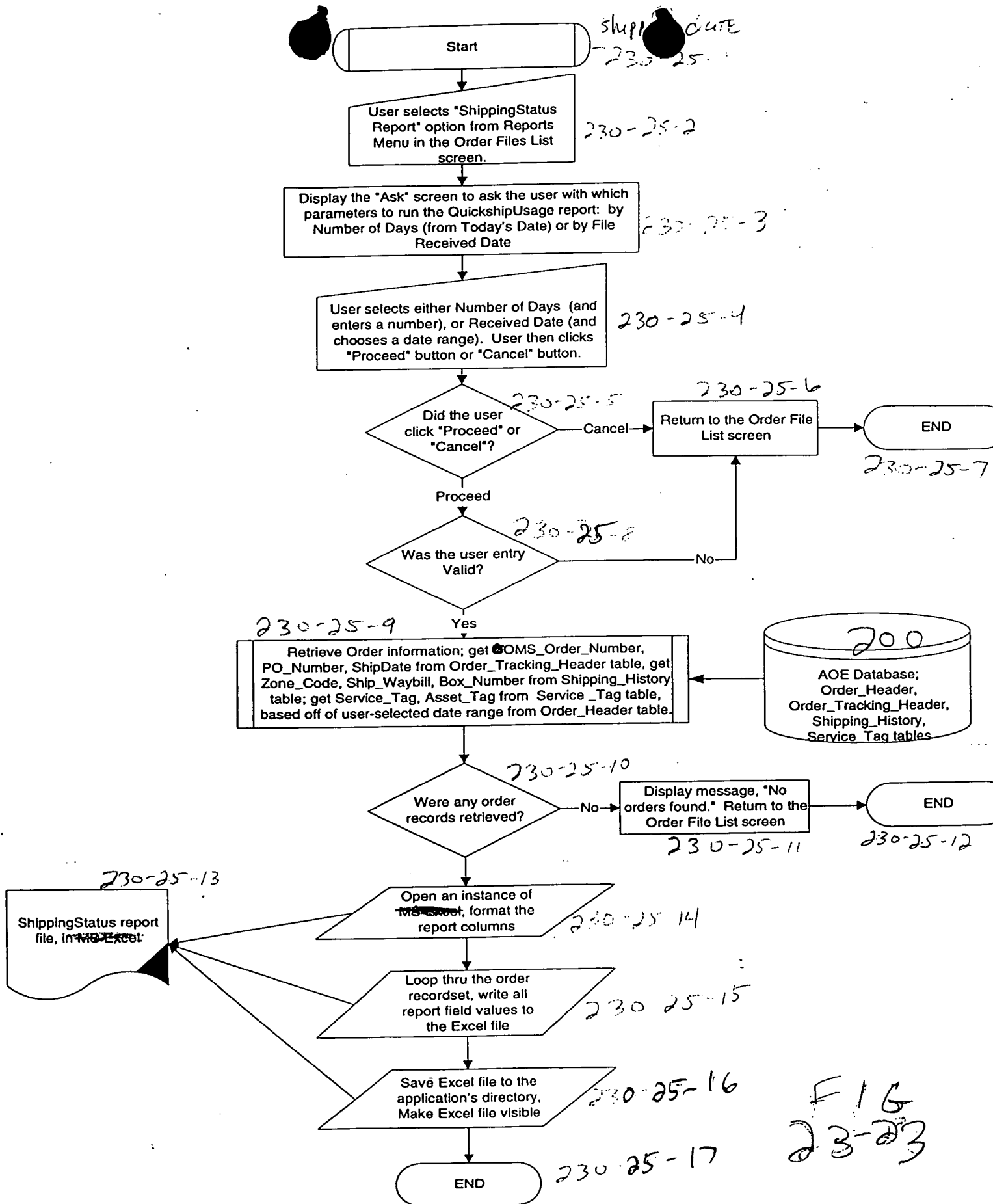
FIG 23-19B



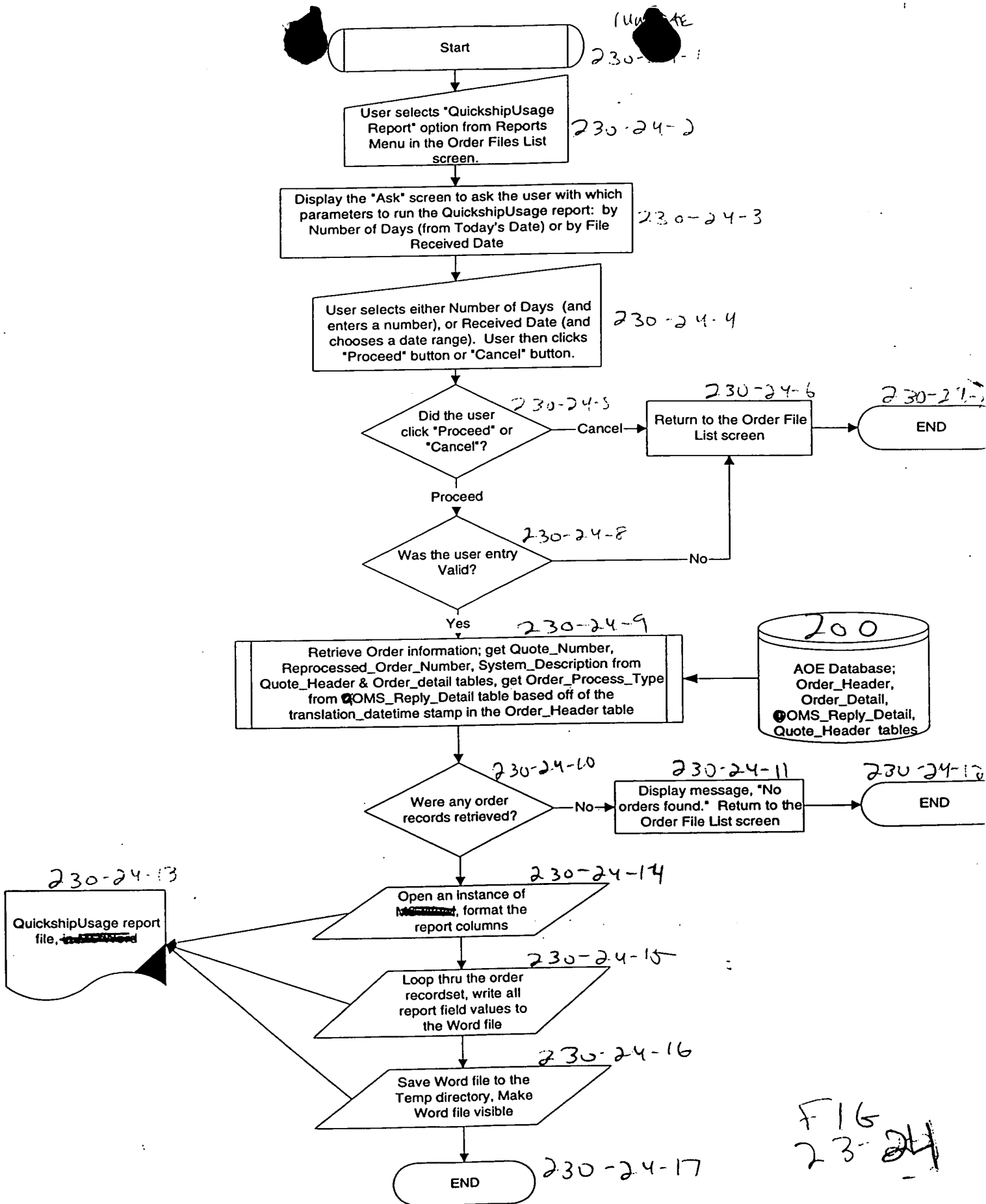
002150-212000







005934 12 06 13 000



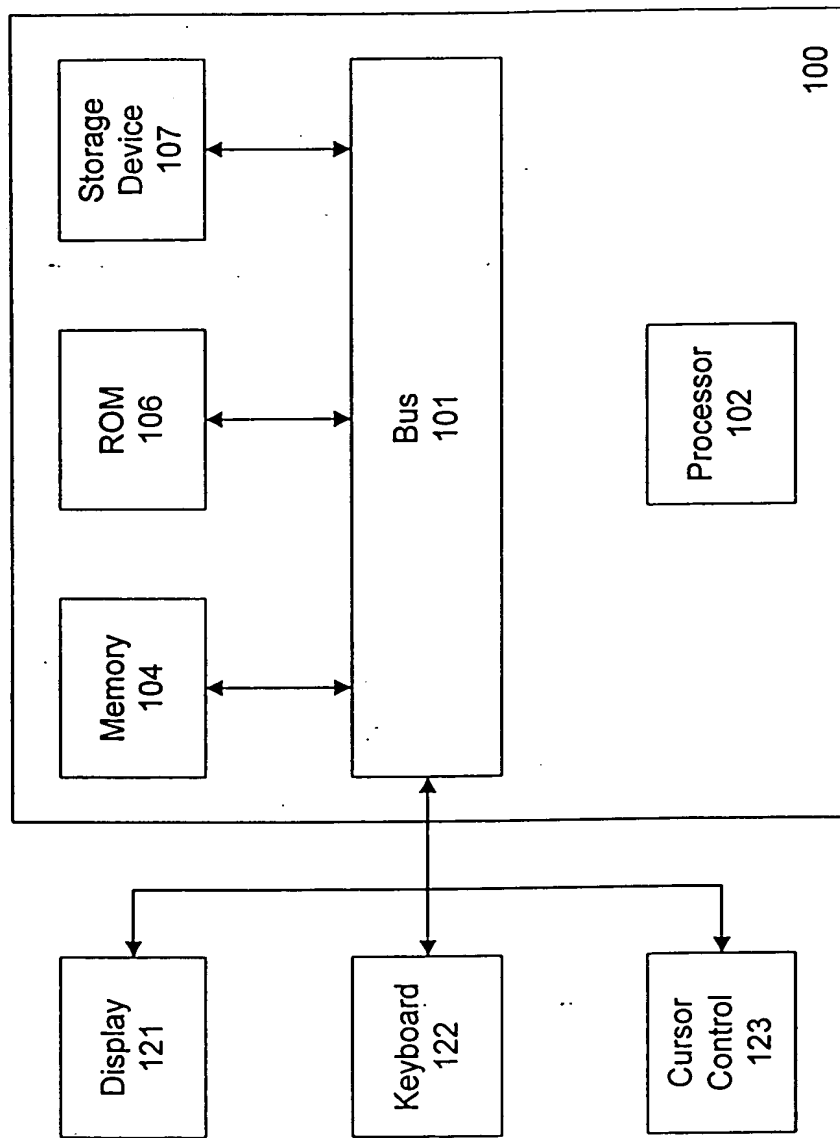


FIG. 1

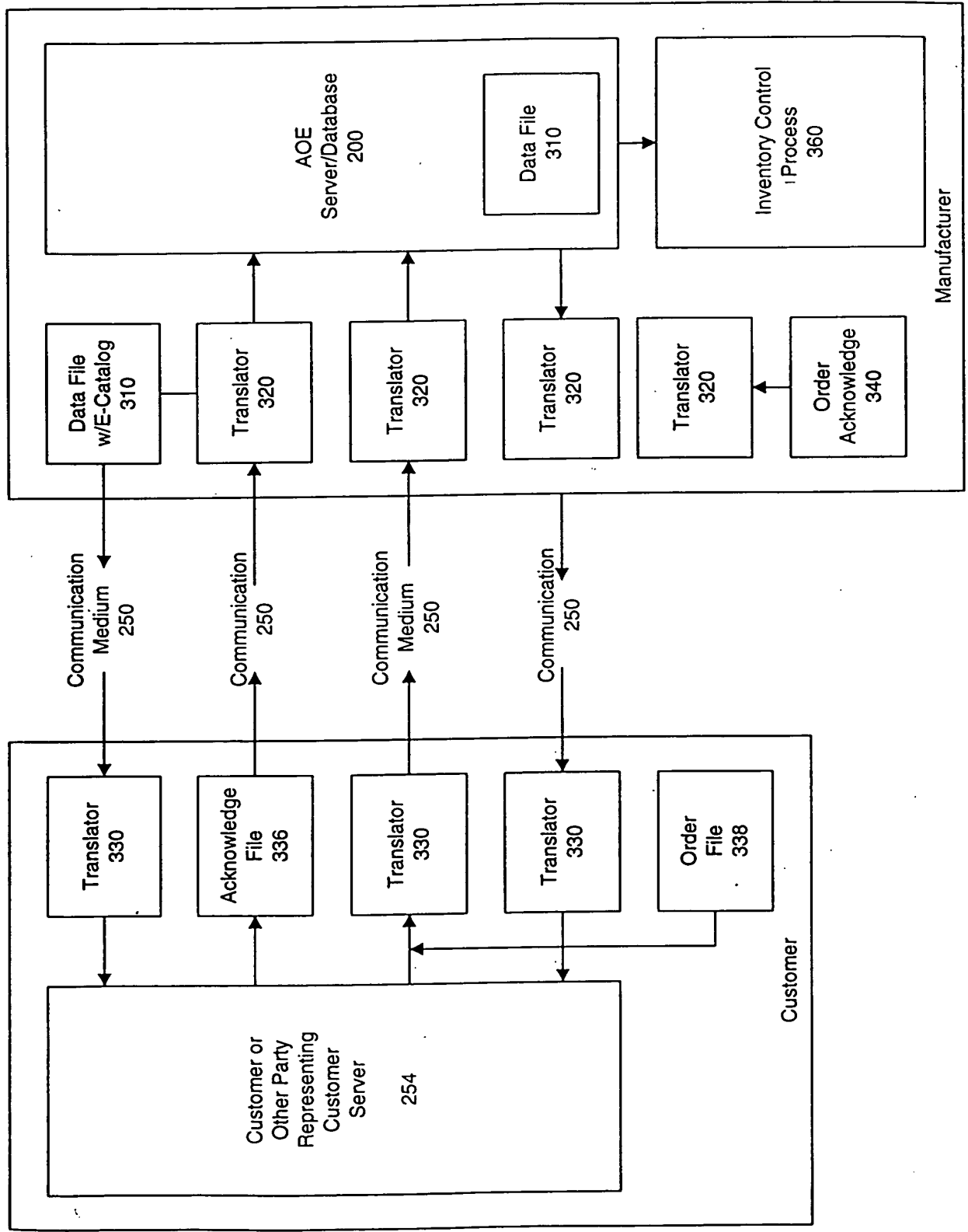


FIG. 3A

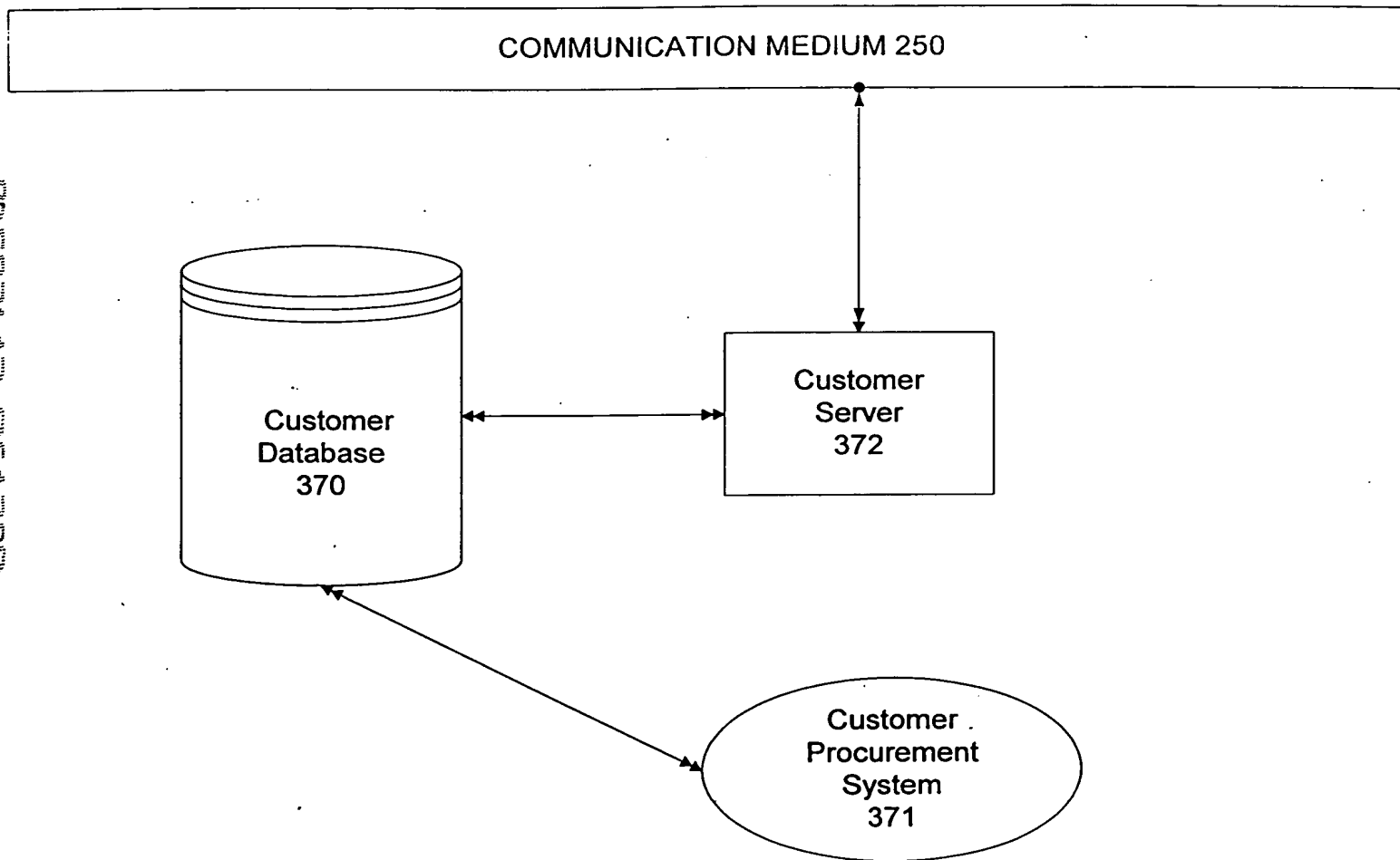


Fig. 3B

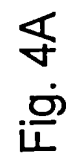


Fig. 4A

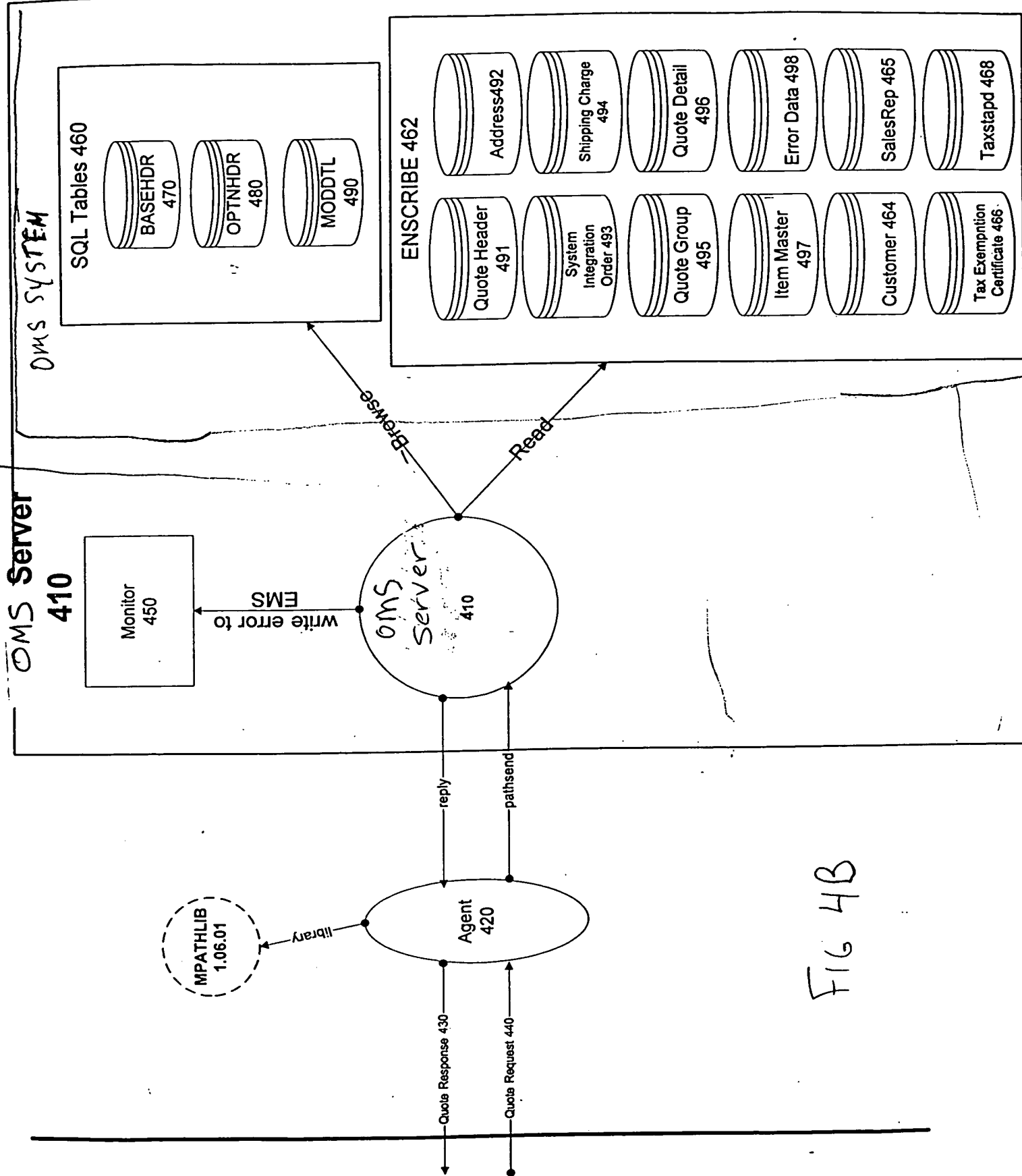
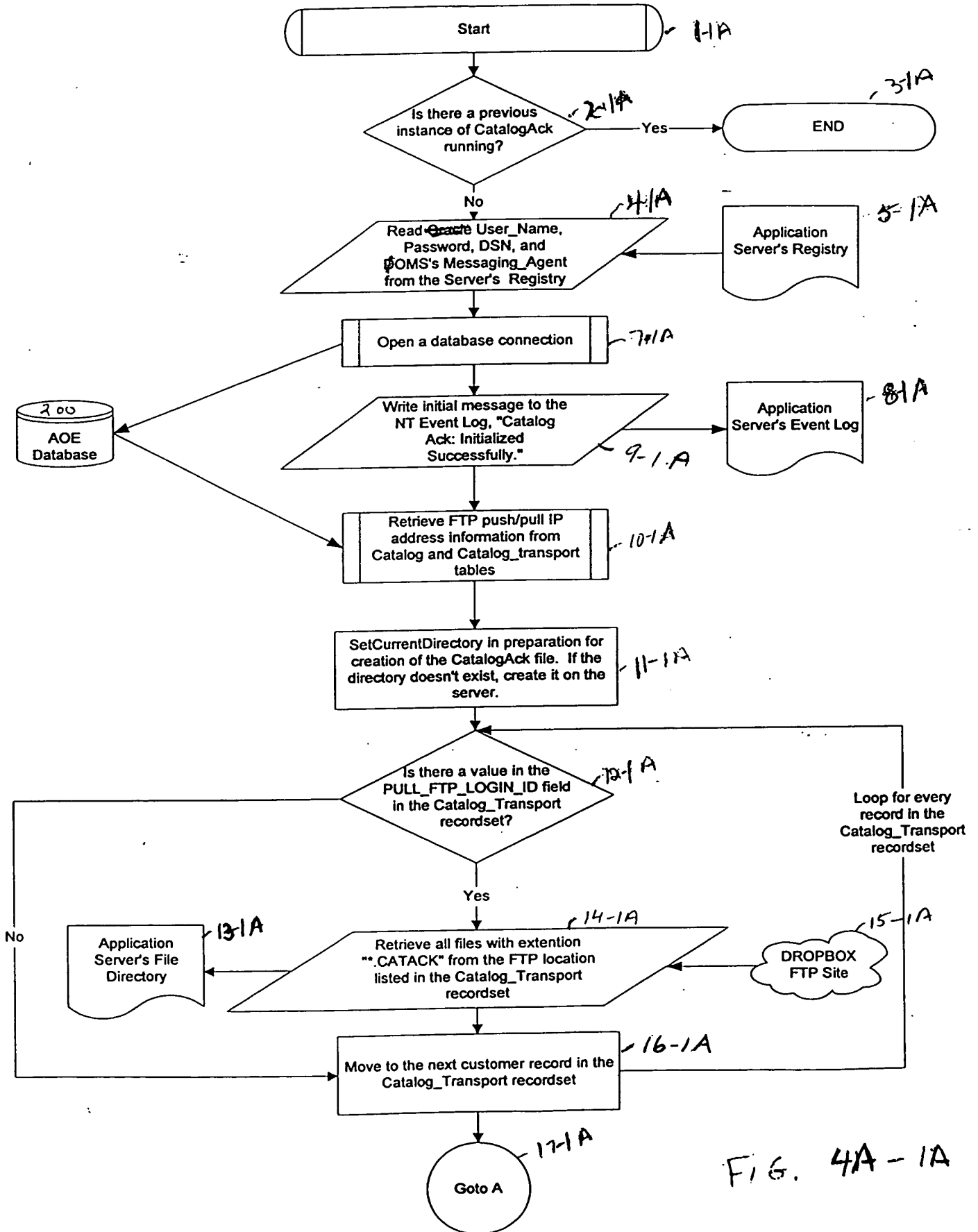


FIG 4B

000003412.051200



```

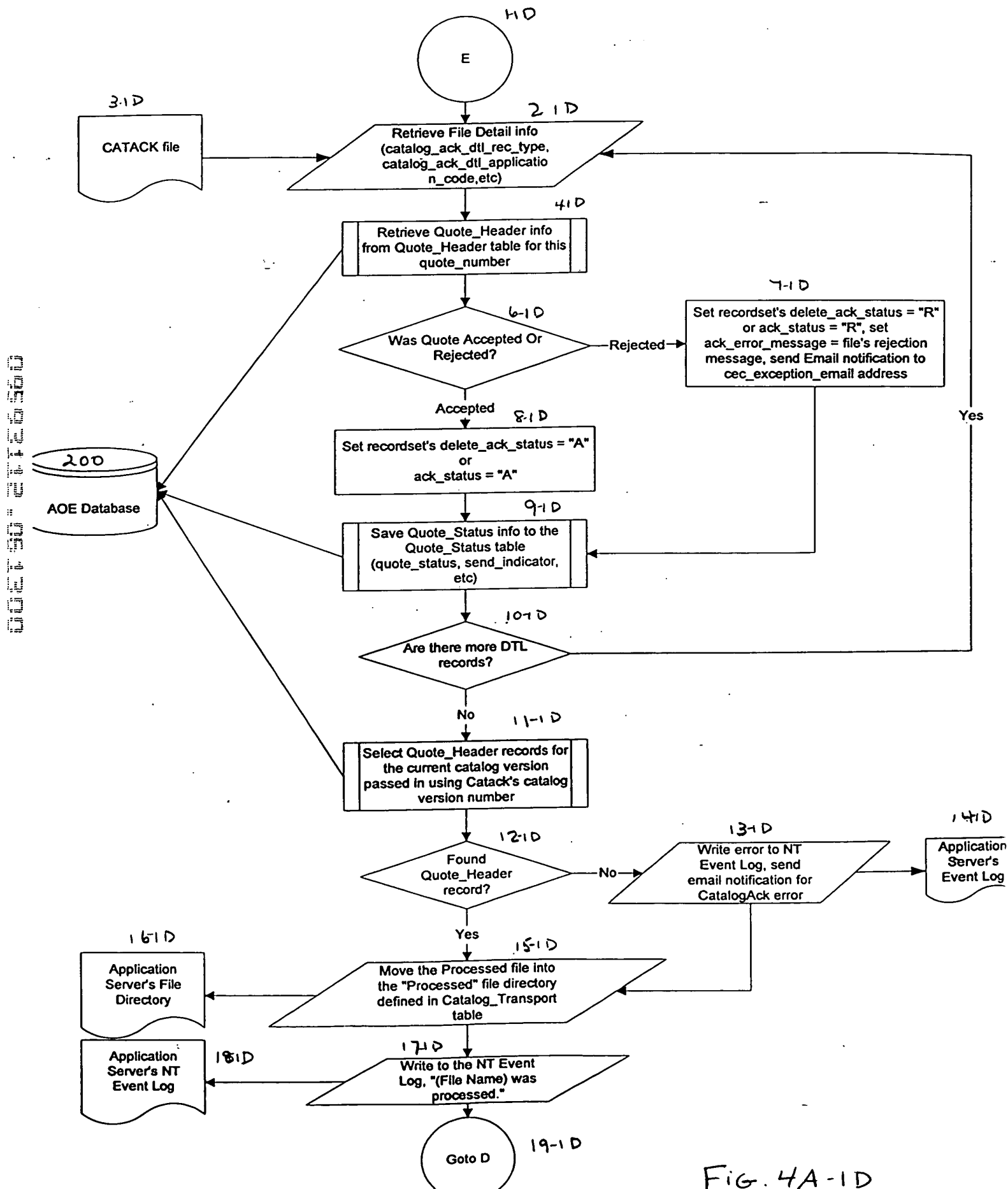
graph TD
    A((A)) -- 14B --> B[/Retrieve file with *.catack extension from the file directory./]
    B -- 31B --> C{Any files found?}
    C -- 41B -- No --> D((Goto D))
    C -- Yes --> E[/Validate the Catack file's file wrapper values (From_Source, RTG tag)/]
    E -- 61B --> F[Retrieve Customer_Name from Customer table in the database to verify the file has a valid customer_name value]
    F -- 71B --> G{Customer_Name found in Customer database table?}
    G -- 91B -- No --> H[Concatenate Error string to write to log file. ("FILE WRAPPER: The Customer Name in the Catalog Ack File does not exist") 101B]
    G -- Yes --> I[/Validate the Catack file's Catalog_Header values (trans_purpose_code, catalog_ack_hdr_ref_id)/]
    I -- 121B --> J[Retrieve catalog_version, catalog_delete_version from Quote_Header table in the database to verify the file has a valid catalog_version value]
    J -- 131B --> K{Catalog Version found?}
    K -- 151B -- No --> L[Concatenate Error string to write to log file. ("ACKNOWLEDGMENT HEADER: The catalog version is invalid.") 161B]
    K -- Yes --> M[/Validate the Catack file's Quote_Detail values (catalog_ack_dtl_application_code, catalog_ack_dtl_origin_trans_id)/]
    M -- 171B --> N((Goto B))
    N -- 181B --> N
    O[Application Server's file directory 21B] --> B
    P[AOE Database, Customer table 200] --> F
    Q[AOE Database, Quote_Header table 200] --> J
    R[K file] --> B
    R --> I
    R --> M
    
```

FIG. 4A-1B


```

graph TD
    B((B)) -- 1-1C --> 2-1C[2-1C  
Retrieve doms_quote_num from  
Quote_Header table in database]
    200[(200  
AOE-Database,  
Quote_Header  
table)] --> 2-1C
    2-1C --> 4-1C{4-1C  
Quote_Number  
found in Quote_Header  
database table?}
    4-1C -- No --> 5-1C[5-1C  
Concatenate Error string to write to log  
file. ("ACKNOWLEDGMENT DETAIL:  
Quote Number was not found in the  
database.")]
    4-1C -- Yes --> 6-1C[/6-1C  
Validate the Catack file's  
Catalog_Trailer values  
(trailer_rec_count,catalog_  
ack_dtl_rec_type)/]
    5-1C --> 6-1C
    6-1C --> 8-1C{8-1C  
Trailer_Record_Count  
= File's Line count?}
    8-1C -- No --> 9-1C[9-1C  
Concatenate Error string to write to log  
file. ("TRAILER RECORD: The Record  
Count does not equal the DTL count.")]
    8-1C -- Yes --> 10-1C[/10-1C  
Close the Catack file/]
    9-1C --> 10-1C
    10-1C --> 7-1C[7-1C  
CATAck file]
    10-1C --> 11-1C{11-1C  
Was there an error  
Processing the CatAck  
file?}
    11-1C -- Yes --> 12-1C[/12-1C  
Write the error  
message to the  
Event Log/]
    11-1C -- No --> 15-1C[/15-1C  
Retrieve File Wrapper info  
(file_wrapper_rec_type,from  
m_source,to_destination,fil  
e_type)/]
    12-1C --> 13-1C[13-1C  
Application  
Server's NT  
Event Log]
    12-1C --> 14-1C((14-1C  
Goto A))
    14-1C --> 17-1C((17-1C  
Goto E))
    15-1C --> 16-1C[/16-1C  
Retrieve File Header info  
(catalog_ack_hdr_rec_type  
,catalog_ack_hdr_trans_pu  
rpose_code,etc)/]
    16-1C --> 17-1C
    7-1C --> 17-1C
  
```

Fig 4A-1C



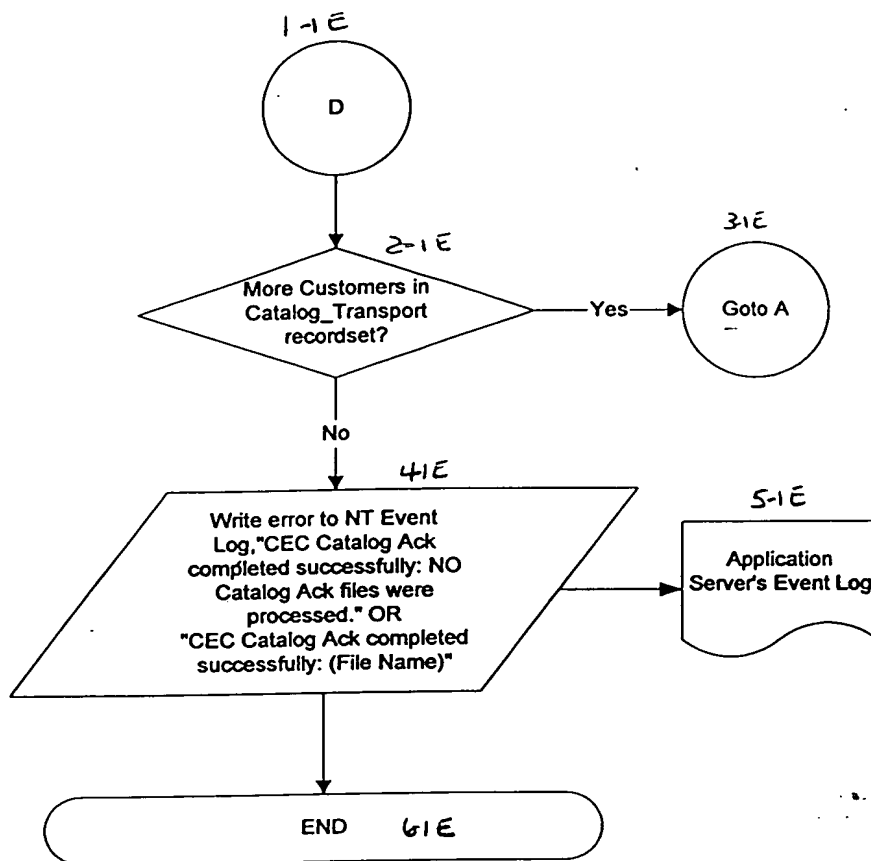
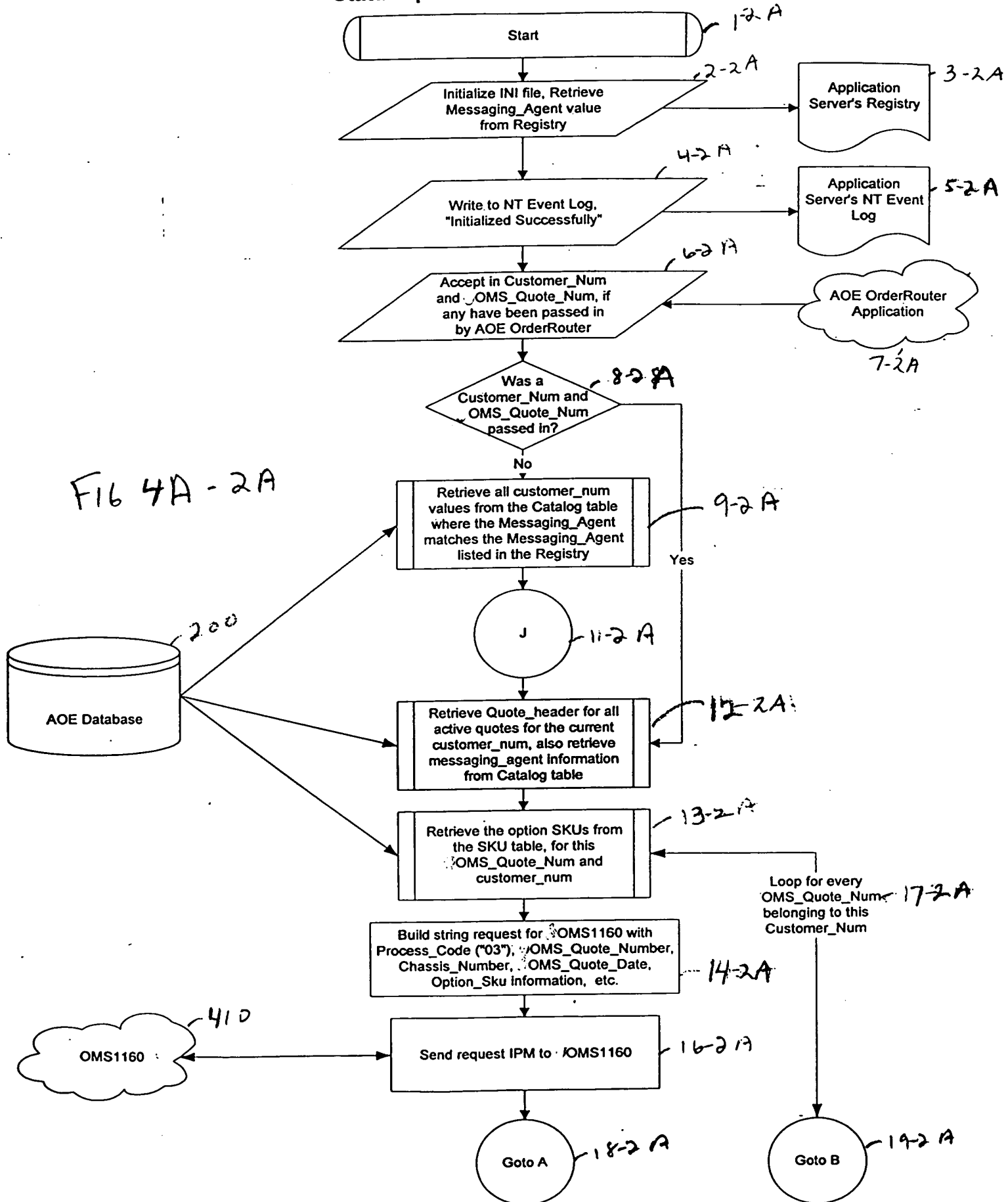
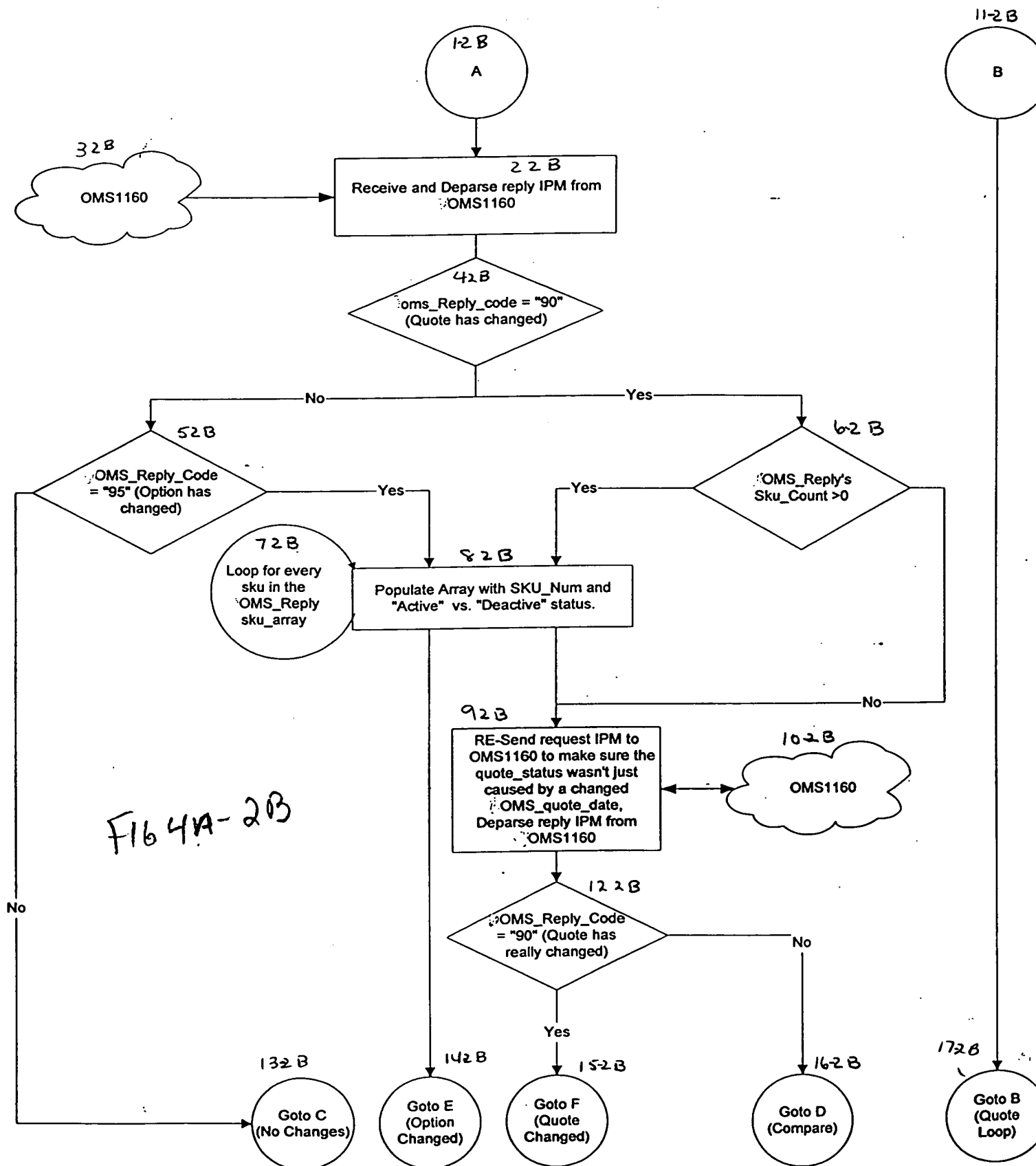


FIG. 4A-1E

StatusUpdate FlowChart - 05/03/2000





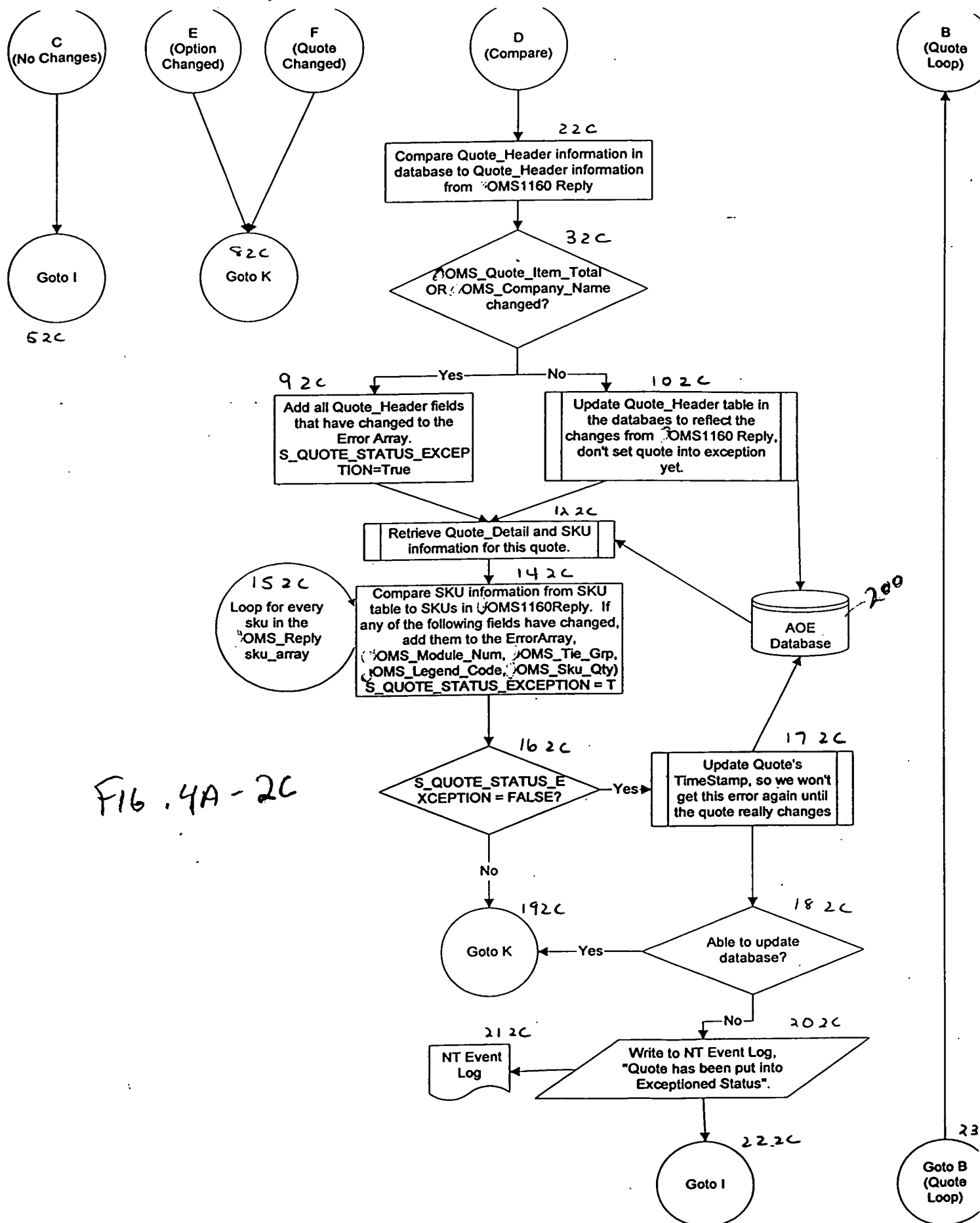


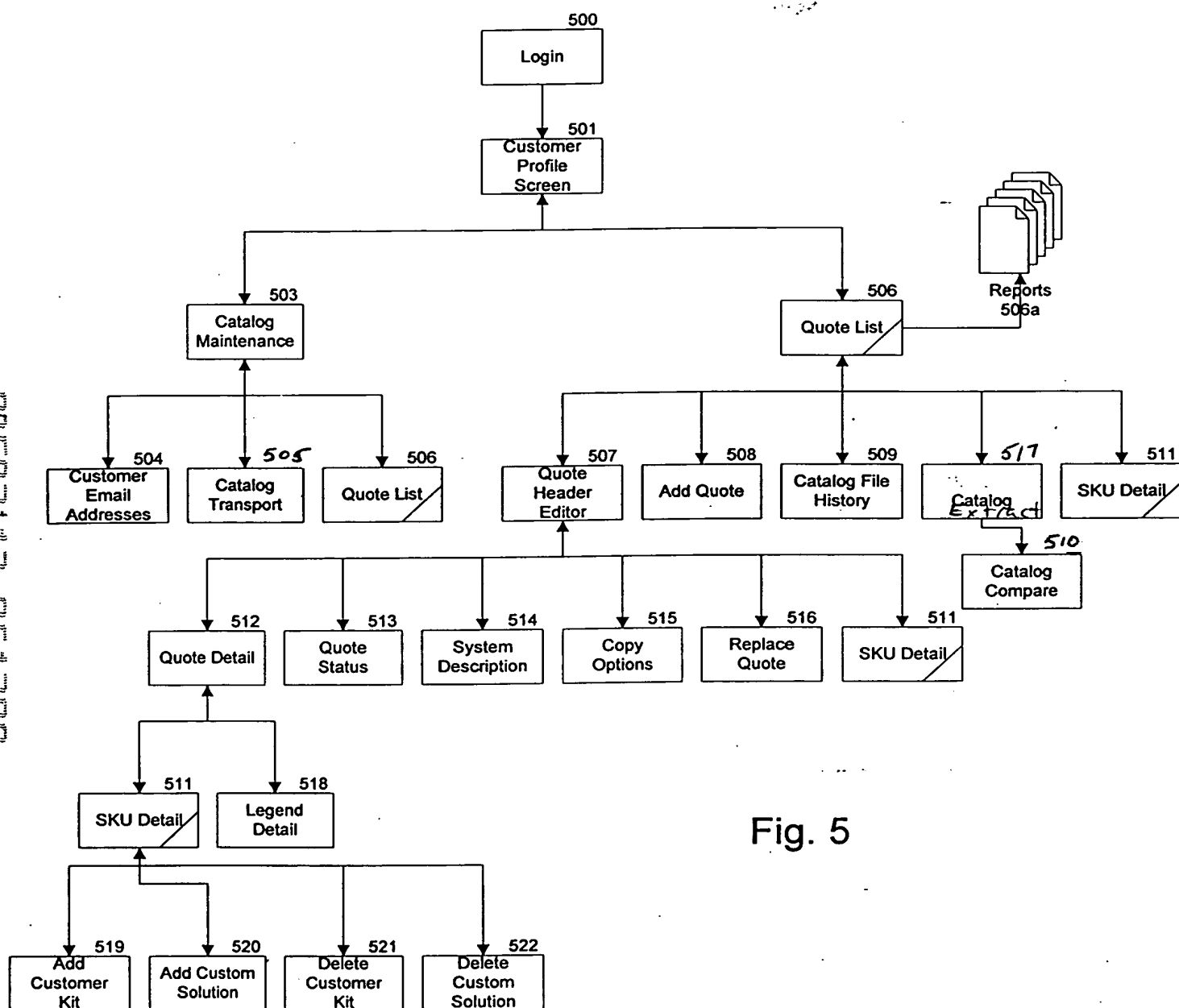
FIG. 4A-2C

```

graph TD
    K((K)) -- 22D --> P1[Insert a record into Quote_Status, with the Exception status. Then, Update Quote_header, set Quote_Status to Excepted]
    P1 --> DB[(200 AOE Database)]
    P1 -- 52D --> P2[Email business users notification of Quote in Exception status, and list of changed fields from the Error Array.]
    P2 -- 62D --> P3[/Write to NT Event Log, "Quote has been put into Excepted Status"/]
    P3 --> Log1[/NT Event Log/]
    P3 --> I((I))
    I -- 82D --> D1{Is this the last record in the Quote_Header recordset?}
    D1 -- 92D --> D2{Is this the last Customer_Num?}
    D1 -- No --> P4[Move to the next DOMS_Quote_Num in the Quote_Header recordset and loop through again.]
    P4 --> B((B))
    D2 -- Yes --> P5[/Write to NT Event Log, "Completed Successfully"/]
    P5 --> Log2[/NT Event Log/]
    P5 --> END([END])
    D2 -- No --> P6[Move to the next Customer_Num in the Customer recordset and loop through again.]
    P6 -- 132D --> J((Goto J))
    J -- 152D --> B
    
```

FIG 4A-2D

FIG 4A-2D



0050313.064300

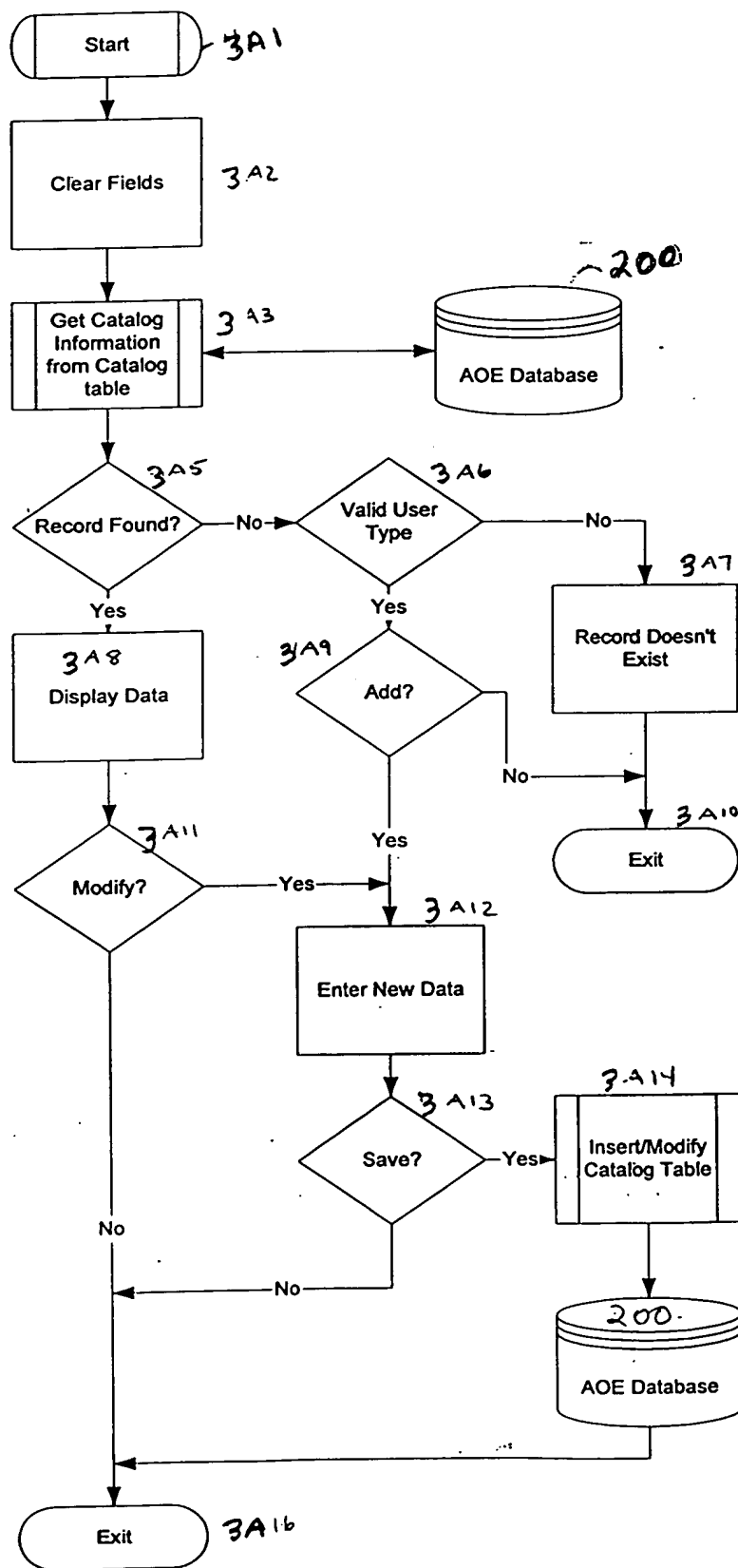
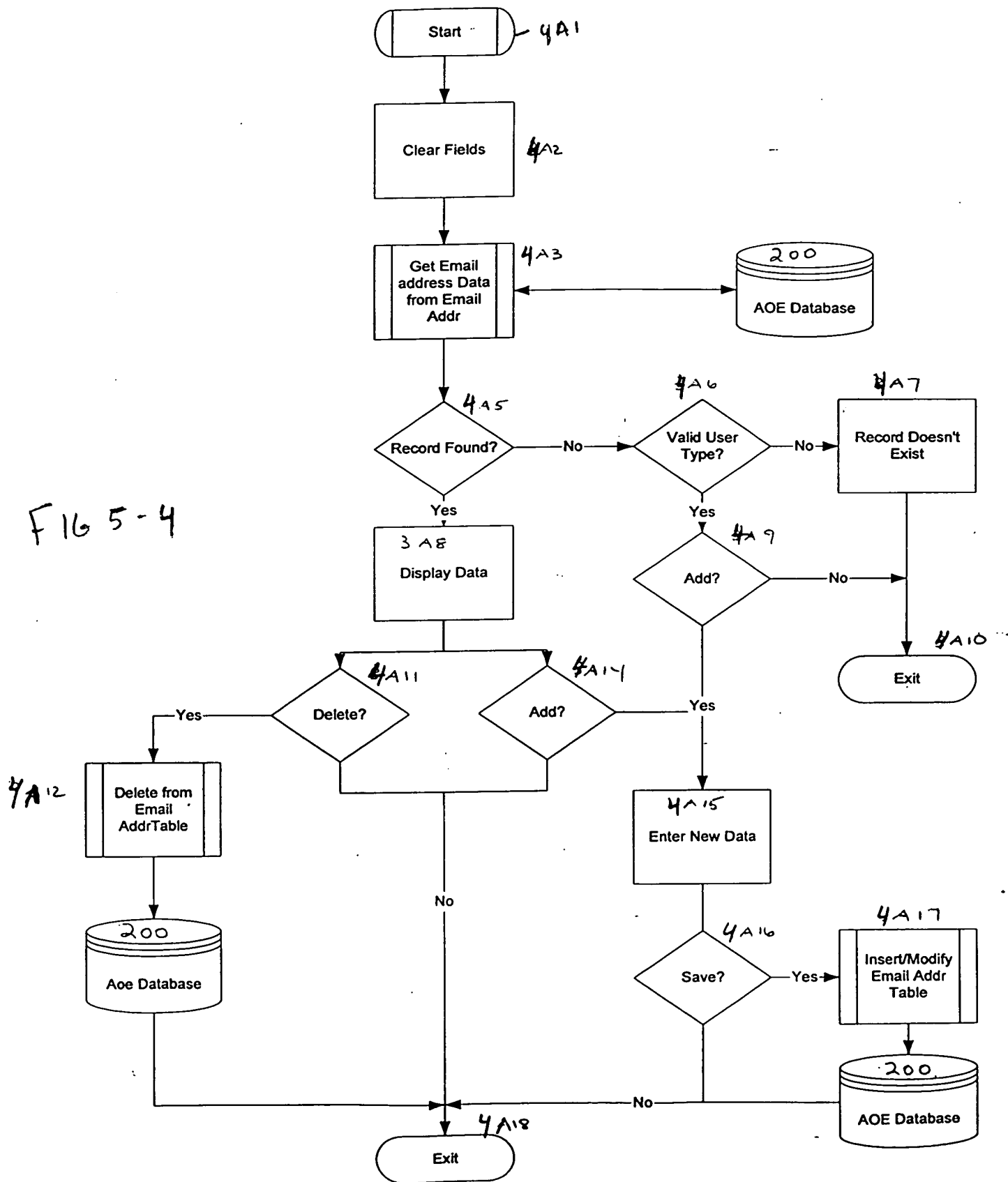


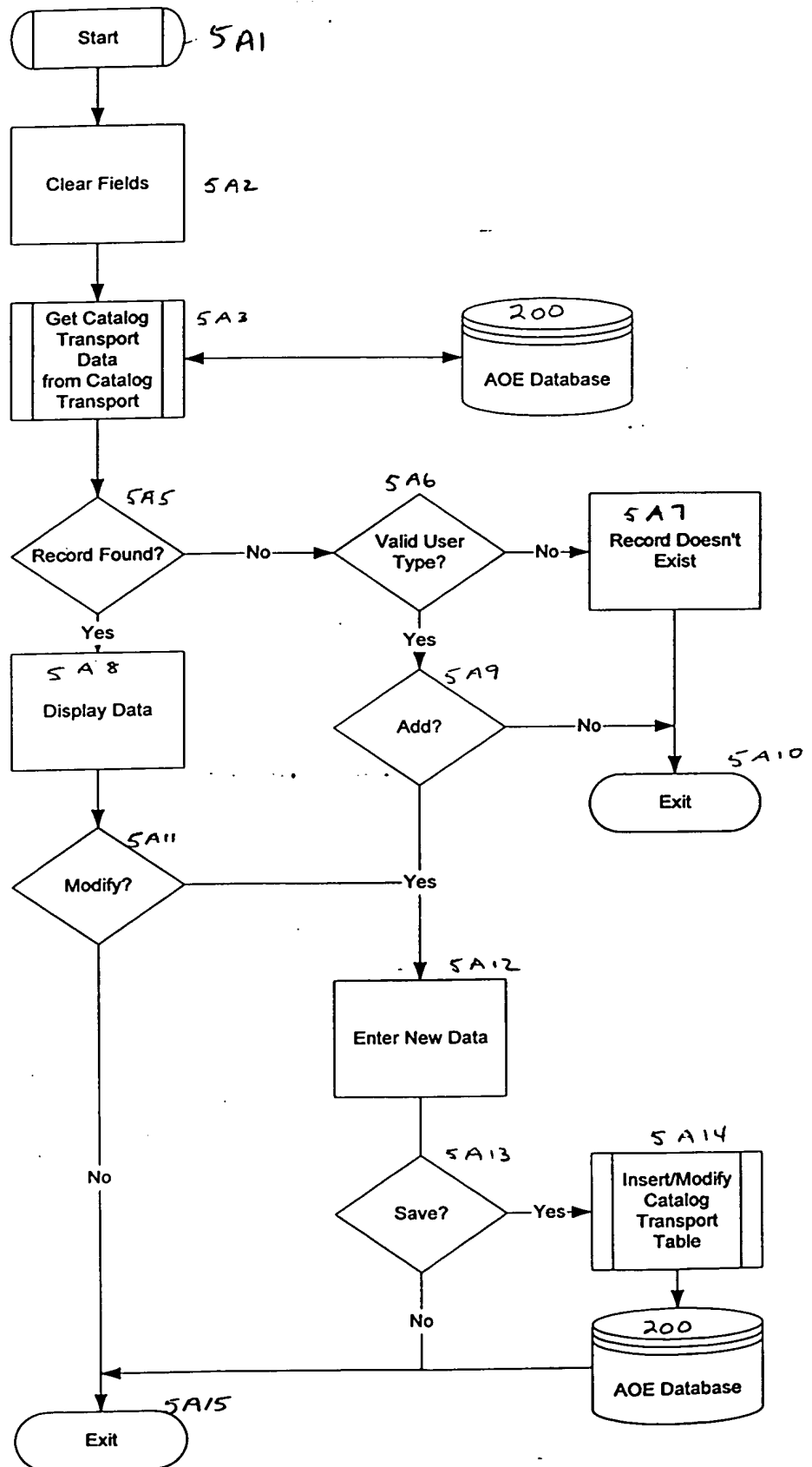
FIG. 5-3

F 16 5-4



002150-064300

FIG 5-5



```

graph TD
    Start([Start]) --> 6A2[6A2 Initialize]
    6A2 --> 6A4[/6A4 Get Information from Registry/]
    6A3[6A3 Registry] --> 6A4
    6A4 --> 6A5{6A5 Error?}
    6A5 -- Yes --> 6A6[6A6 Close all instance write errors]
    6A6 --> 6A7([6A7 Exit])
    6A5 -- No --> 6A8[6A8 Open DB Connection]
    6A8 --> 6A9[6A9 Step-by-Step Catalog Creation Process  
(See Process Flowchart Page 2)]
    6A9 --> 6A10{6A10 Complete Catalog State?}
    6A10 -- No --> 6A9
    6A10 -- Yes --> 6A11[6A11 Close File]
    6A11 --> 6A12[6A12 Close Db Connection]
    6A12 --> 6A13[6A13 Display catalog Number to the GUI]
    6A13 --> 6A14([6A14 Stop])
  
```

FIG 5-6A

(Stop) 6A14

```

graph TD
    Start([Start]) --> 6B1[Retrieve Customer State from Customer Table]
    6B1 <--> 200_1[(200 AOE Database)]
    6B1 --> 6B4{Error?}
    6B4 -- No --> 6B5((A))
    6B5 --> 6B6[Retrieve Ready Quote State from Quote Header table]
    6B6 <--> 200_2[(200 AOE Database)]
    6B6 --> 6B8{Error?}
    6B8 -- No --> 6B9[Retrieve Catalog State from Catalog table]
    6B9 <--> 200_3[(200 AOE Database)]
    6B9 --> 6B15{Error?}
    6B15 -- No --> 6B16[Retrieve Catalog Transport State from Catalog Transport table]
    6B16 <--> 200_4[(200 AOE Database)]
    6B16 --> 6B18{Error?}
    6B18 -- No --> 6B19((Goto B))
    6B4 -- yes --> 6B11[Shut Down State]
    6B8 -- yes --> 6B11
    6B15 -- Yes --> 6B11
    6B18 -- Yes --> 6B11
    6B11 --> 6B12[Close all instances]
    6B12 --> 6B13[Write to log]
    6B13 --> 6B14([Exit])

```

FIG. 5-6

FIG. 5-6B

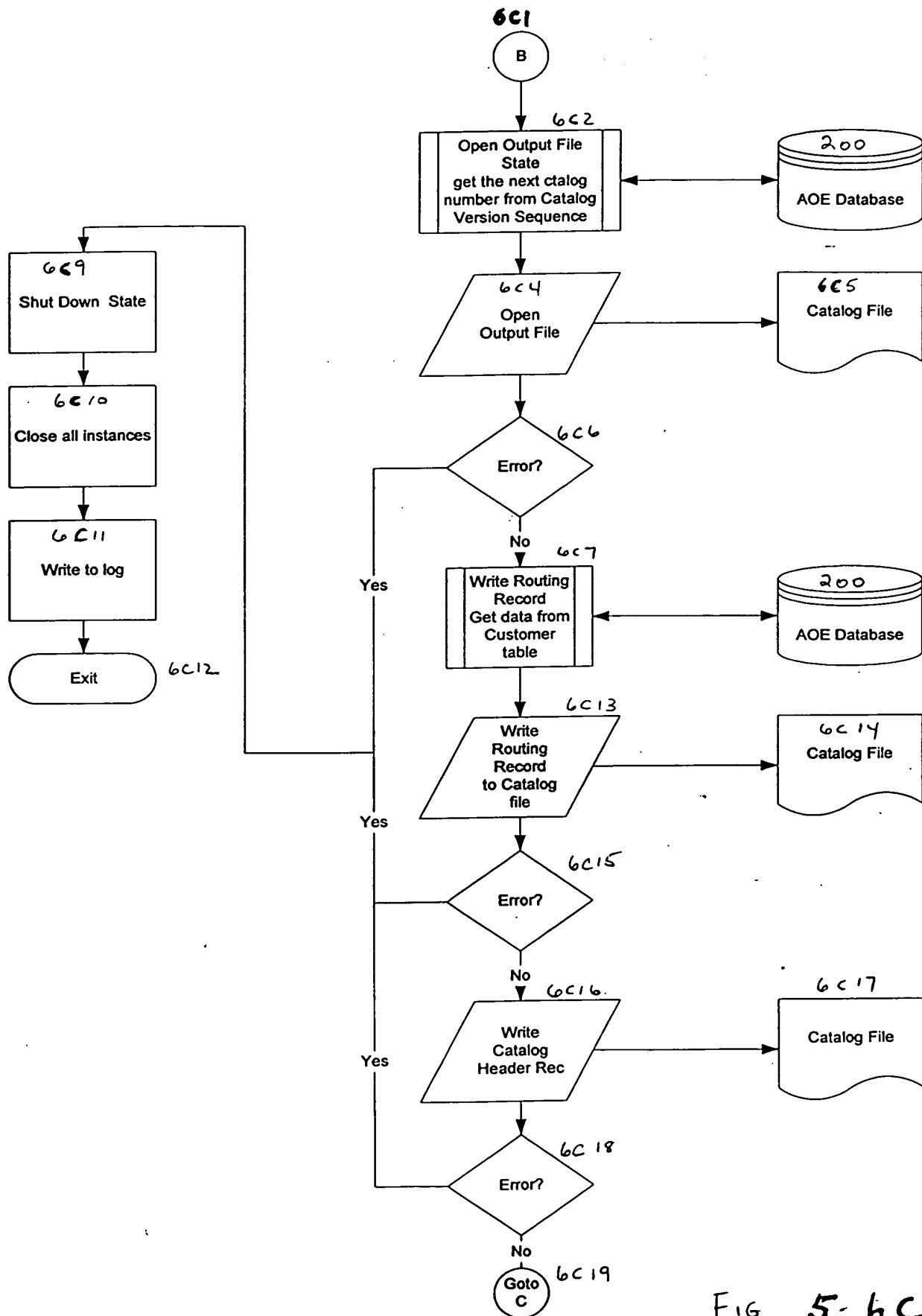


FIG. 5-6C

```

graph TD
    C((C)) --> 602[/602  
Write Quote  
Header Rec/]
    602 --> 604[604  
Catalog File]
    602 --> 603{603  
Error?}
    603 -- Yes --> 606[606  
Shut Down State]
    603 -- No --> 605[605  
Write Legend and  
Sku  
(see Legend and  
Sku Flowchart  
page 7)]
    605 --> 610{610  
Error?}
    610 -- Yes --> 606
    610 -- No --> 611{611  
Parent Record  
exist?}
    611 -- Yes --> 612[612  
Write Linked  
Legend and sku  
state  
(see Linked  
Legend & Sku  
Flowchart page 6)]
    611 -- No --> 613[613  
Next Quote  
Header State]
    613 --> 614{614  
Quote Header  
EOF?}
    614 -- Yes --> 615[/615  
Write Trailer  
Rec State/]
    614 -- No --> C
    615 --> 616[616  
Catalog File]
    615 --> 617[617  
Close Catalog file]
    617 --> 618((618  
Goto D))
    606 --> 607[607  
Close all instances]
    607 --> 608[608  
Write to log]
    608 --> 609([609  
Exit])
  
```

FIG. 5-6D

```

graph TD
    D((D)) --> E2[6 E 2  
Next Customer  
State]
    E2 --> E3{6 E 3  
Customer  
EOF?}
    E3 -- No --> E4((6 E 4  
Goto A  
page 2))
    E3 -- Yes --> E5[6 E 5  
Complete Catalog  
State]
    E5 --> Exit([Exit])
    Exit --> E6[6 E 6]

```

FIG. 5-6E

002150-21-20500

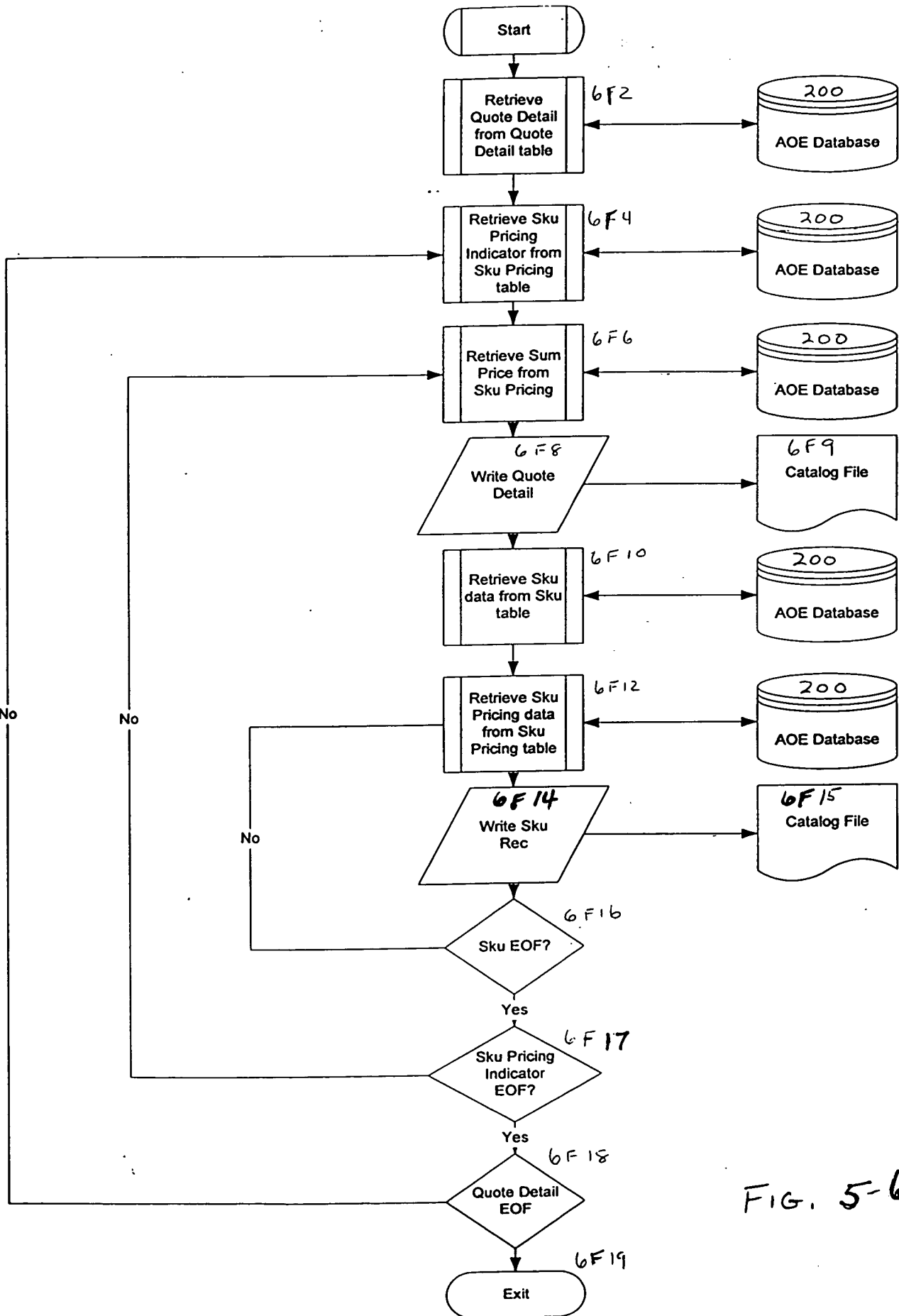


FIG. 5-6F

00503412 004300

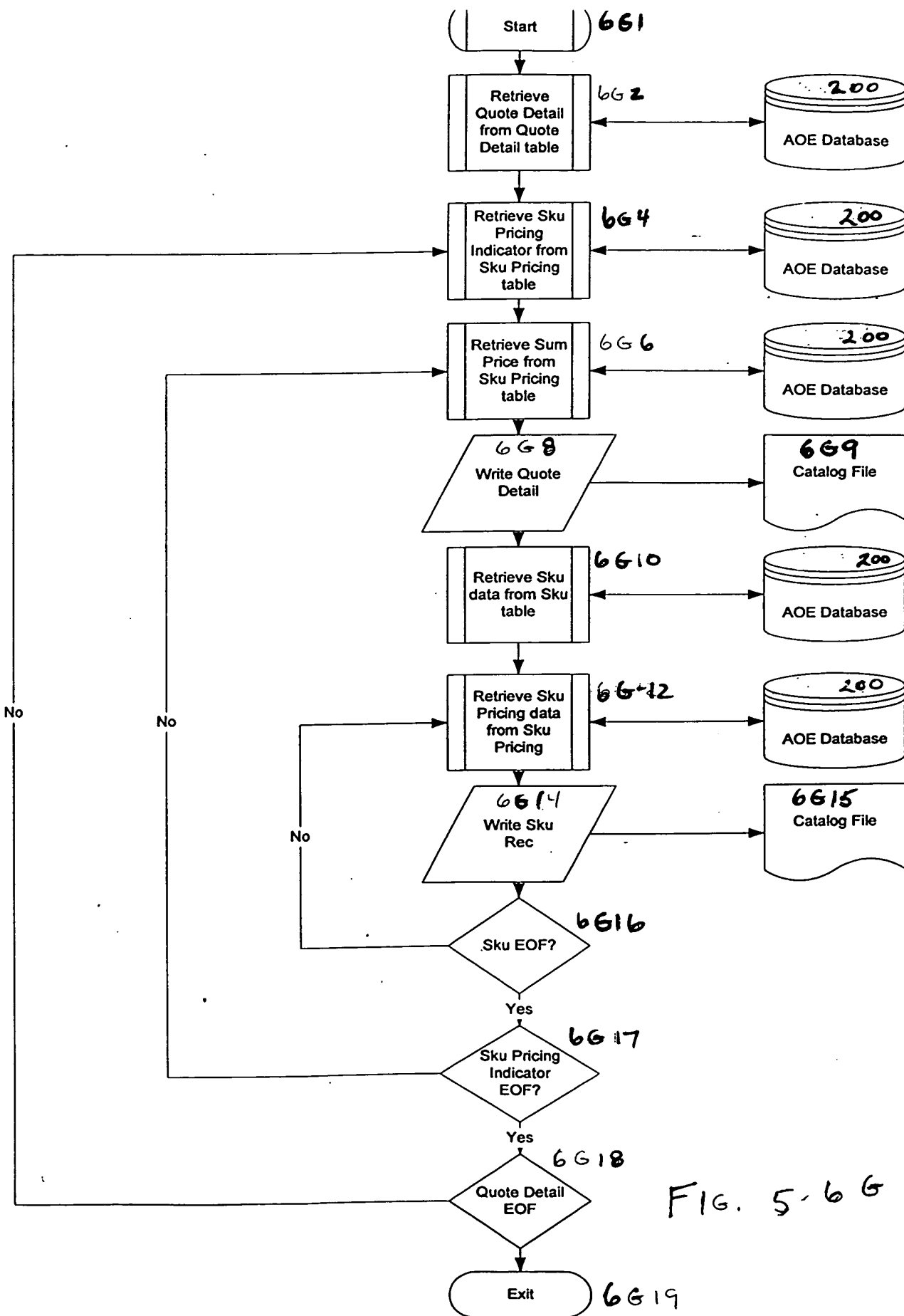


FIG. 5-66



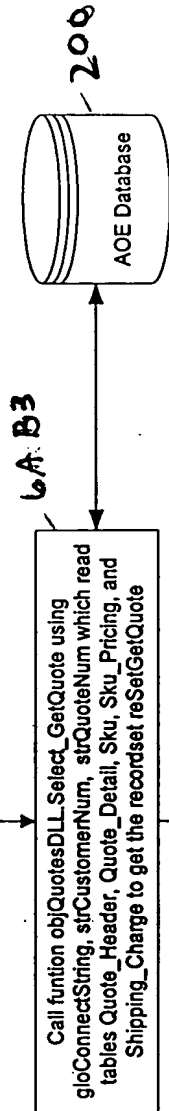
A



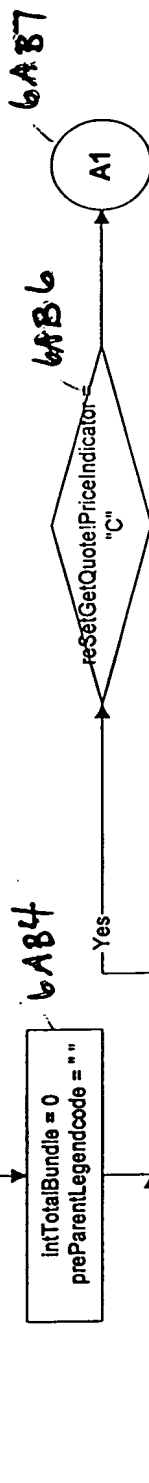
UAB



LA 82



LA B3



484

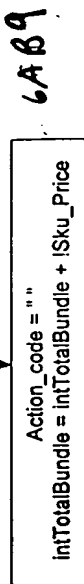
```
intTotalBundle = 0
preParentLegendcode = ""
```

68

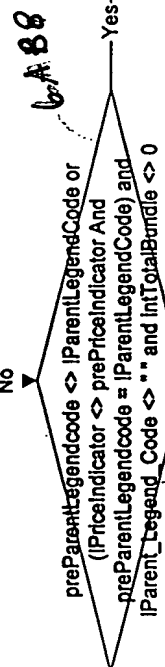
6A87



6486



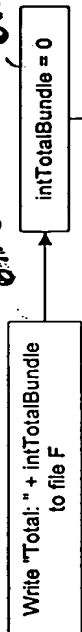
A69



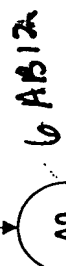
884

3

100



30



AB12

Fig 5-6AB

```

graph TD
    A0((A0)) --> D1{IDQuoteNum <> doms_quote_num-of  
reSetGetQuote}
    D1 -- Yes --> D2[Write Quote Number, System ID, DOMS SI  
Number, and System Type to the file F]
    D1 -- No --> D3[Write the header "legend Code", "Sku Num",  
"Description", "QTY", "Action", "Sku price", "Base  
Config" to the file F]
    D2 --> D4{Check for Replace Quote}
    D4 --> D5{Replaced Quote}
    D5 -- Yes --> D6[Write "Replacing Quote" and replaced  
quote number to the file F]
    D5 -- No --> D7[Write "ADD" to the file F]
    D6 --> D8[Write "Catalog Type: " +  
strCatalogType + strOldQuoteNum]
    D8 --> D9{QUOTE_DISCONTINUED /  
DATE <> Null}
    D9 -- Yes --> D10[Write "Quote Discontinued Date:  
QUOTE_DISCONTINUED_DATES  
to the file F"]
    D9 -- No --> D11[Write Legend_code, DOMS_Sku_Num,  
doms_sku_description, doms_sku_quantity,  
Action_code, Sku_Price, and factory_installed_flag  
to the file F]
    D10 --> D11
    D11 --> D12[IQuoteNum = Idoms_quote_num;  
Parent_Legend_Code = strParentLegendCode  
IPriceIndicator = strPriceIndicator]
    D12 --> D13[Next record of  
reSetGetBaseQuote]
    D3 --> D14{reSetGetQuote!price_indicator <> "C"  
and reSetGetQuote!ParentLegendCode  
<= IParent_Legend_Code}
    D14 -- Yes --> D15[Write "Bundle:" +  
reSetGetQuote!ParentLegendCode]
    D15 --> D16{DOMS_Legend_Code(1:3) =  
"SQL"}
    D16 -- Yes --> D17[Legend_code =  
DOMS_Legend_Code]
    D16 -- No --> D18[Legend_code =  
DOMS_Legend_Code + ModuleName]
    D17 --> D11
    D18 --> D11
  
```

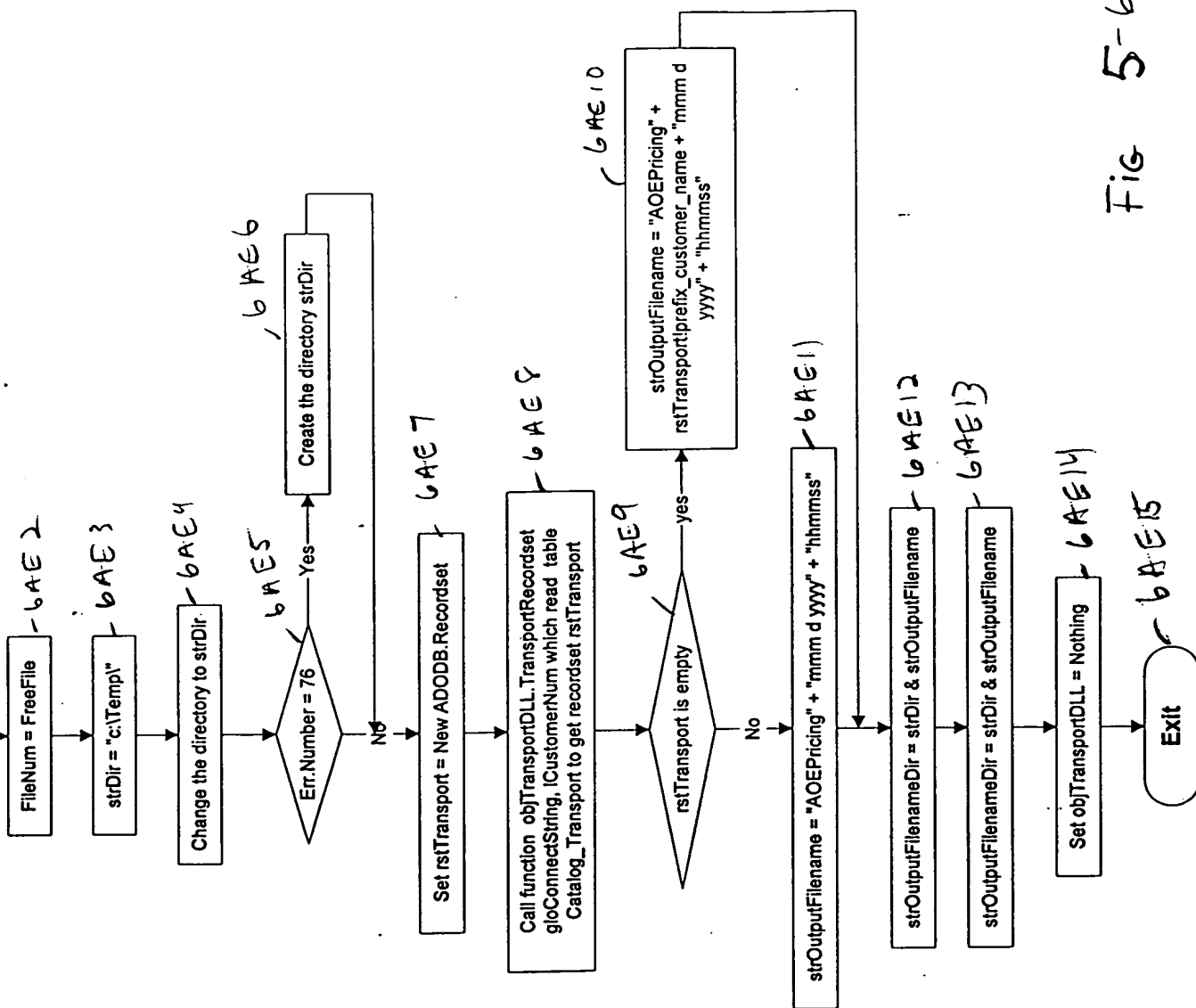
Fig 5-6AC

6401



5-6AD

64E1
B



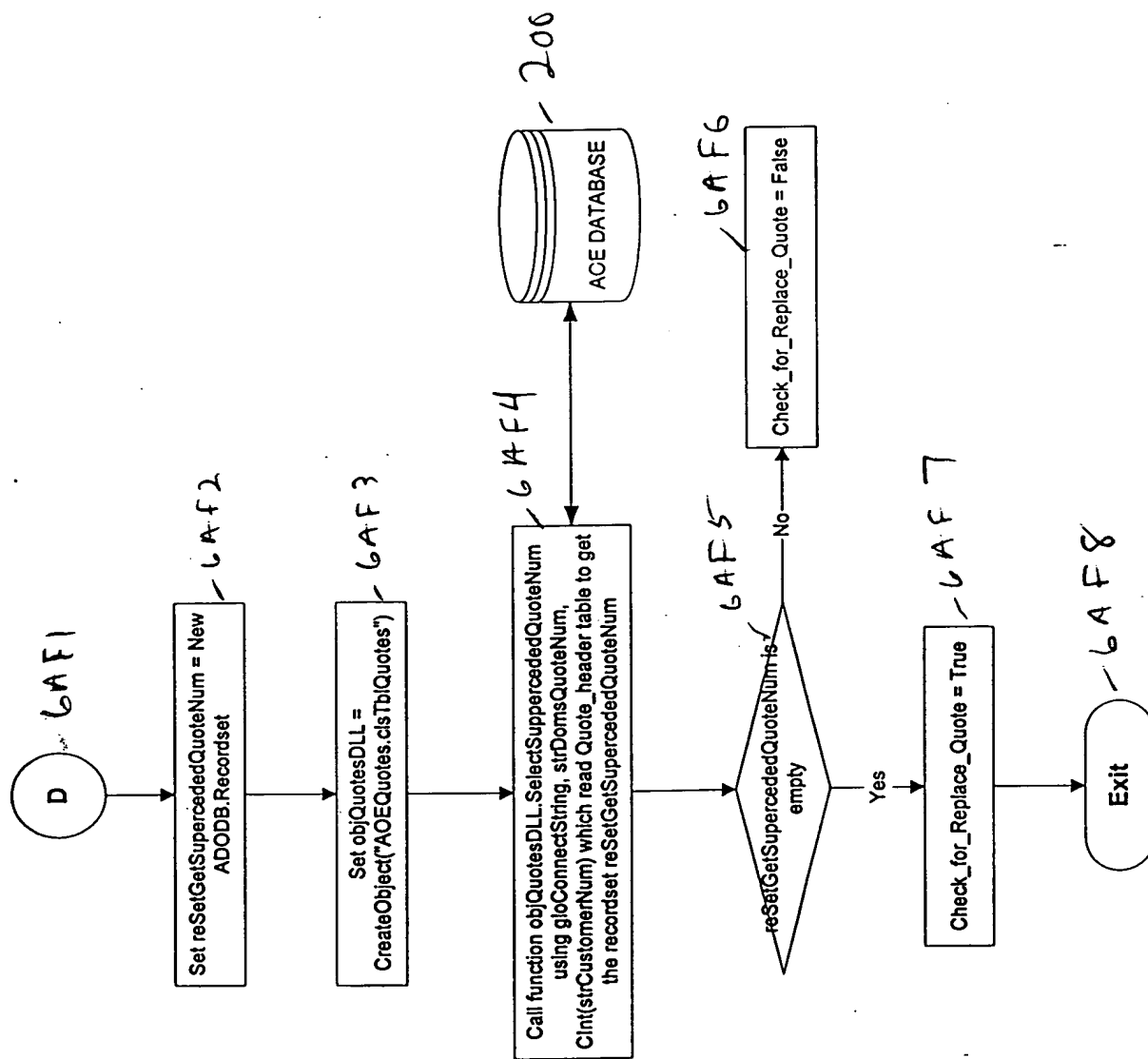


Fig. 5-6AF

Fig 5-6A6

```

graph TD
    Start([Start]) -- 6AH1 --> GetCustomerNum[Get the Customer_Num from class clsFrmCustomer]
    GetCustomerNum -- 6AH2 --> OpenFile[Open a output text file F]
    OpenFile -- 6AH3 --> B((B))
    B -- 6AH4 --> OpenSuccessful{Open Successful}
    OpenSuccessful -- Yes --> WriteFile[Write Customer_Name to the file F]
    WriteFile -- 6AH6 --> SetRecordset[Set reSetGetBaseQuote = New ADOB.Recordset]
    SetRecordset -- 6AH7 --> CreateObject[Set objQuotesDLL = CreateObject("AOEQuotes.clsTblQuotes")]
    CreateObject -- 6AH8 --> CallFunction[Call function objQuotesDLL.Selected_GetBaseQuote with  
gloConnectString and iCustomerNum which  
reads tables Quote_Header, Quote_Detail, Sku, Sku_Pricing, and  
Shipping_Charge to get the recordset reSetGetBaseQuote]
    CallFunction -- 6AH9 --> A((A))
    A -- 6AH10 --> AOE[(200) AOE Database]
    AOE -- 6AH11 --> End([End])
    OpenSuccessful -- No --> RaiseError[Raise Error (Err.Raise Err.Number,  
Err.Source, Err.Description)]
    RaiseError -- 6AH5 --> End
  
```

6A110

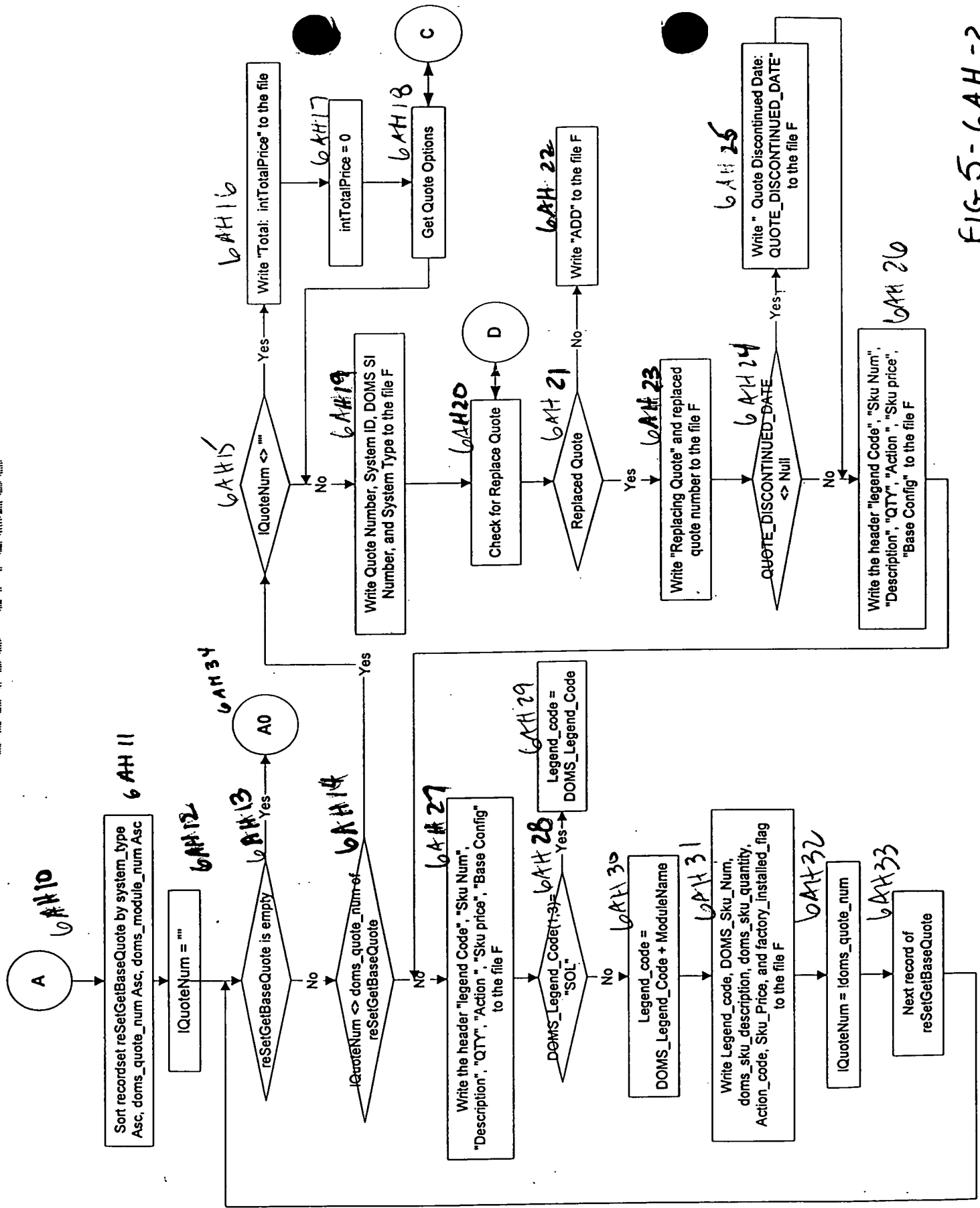


FIG. 5-6AH-2

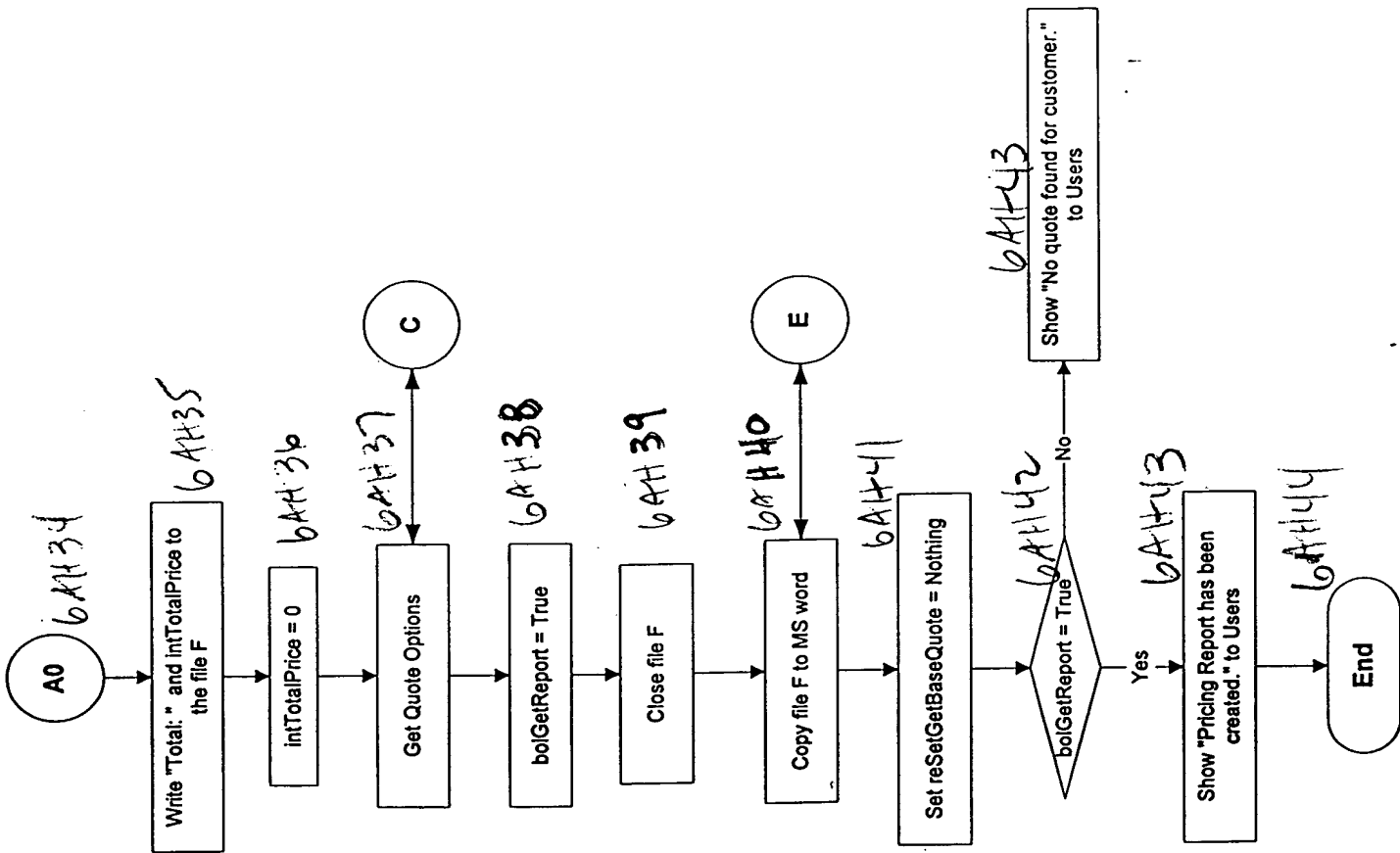


FIG. 5-6AH-3

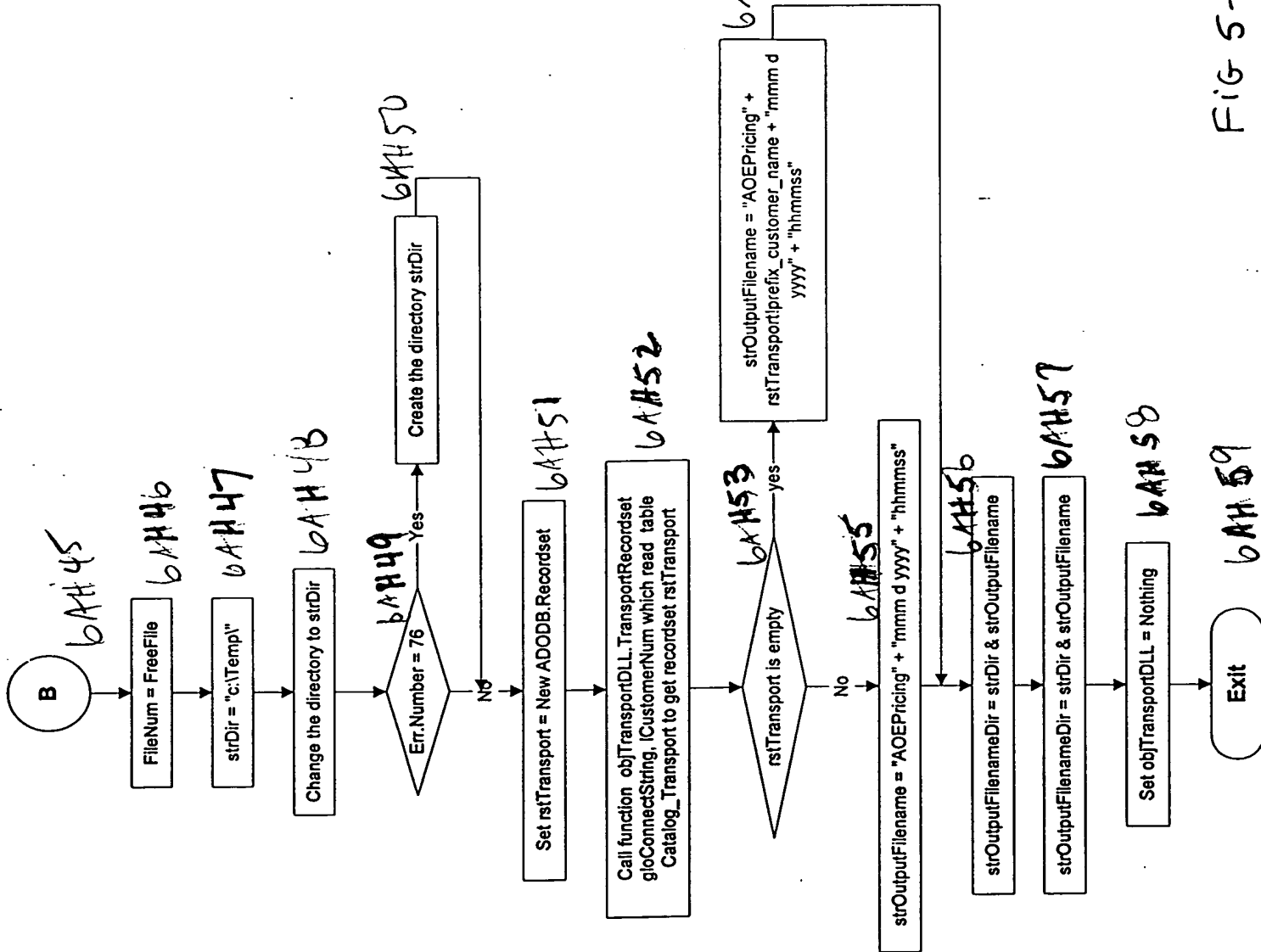


FIG 5-6AH-4

644.9.D
C

Set reSetGetOptions = New
ADODB.Recordset

```
Set objQuotesDLL =  
CreateObject("AOEQuotes.clsTrlQuotes")
```

A cylinder with the number '200' on its side and the text 'AOE Database' written vertically on its front.

Call function objQuotesDLL.Select_GetQuoteOptions using
gloConnectString, strCustomerNum, strQuoteNum which read
tables Quote_Header, Quote_Detail, Sku, Sku_Pricing, and
Shipping_Charge to get the recordset reGetOptions

```
intTotalBundle = 0
preParentLegendcode = ""
```

...

reSetOptionsPriceIndicator <=> "C"

Write "Options;" to file F

```

graph TD
    Start([Start]) --> Decision1{reSetGetOptions is empty}
    Decision1 -- Yes --> Decision2{reSetGetOptions/PriceIndicator = "C"}
    Decision1 -- No --> Exit([Exit])
    Decision2 -- Yes --> Process1[Action_code = ""  
intTotalBundle = intTotalBundle + ISku_Price]
    Decision2 -- No --> Process2[Set reSetGetOptions = Nothing]
    Process1 --> Decision1
    Process2 --> Exit

```

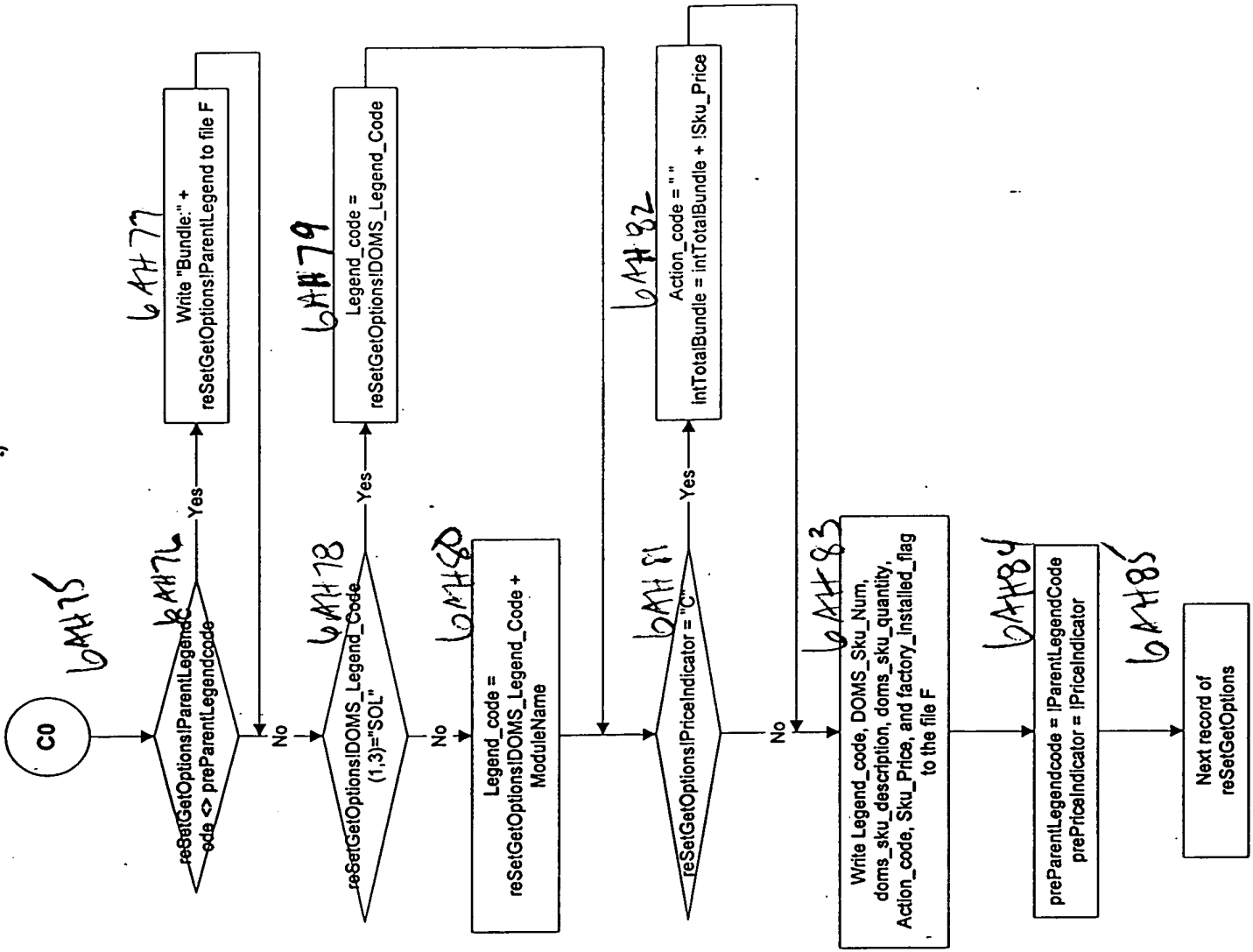
```

graph TD
    Entry(( )) --> Decision{preParentLegendCode <> IParentLegendCode or  
(PriceIndicator <> prePriceIndicator And  
preParentLegendCode = IParentLegendCode)}
    Decision -- Yes --> Write[Write "Total: " + intTotalBundle  
to file F]
    Decision -- No --> Exit(( ))
    Write --> Exit
    subgraph Annotations
        direction LR
        A1[6AH71] --- A2[6AH72] --- A3[6AH73]
    end
    Entry --- A1
    Decision --- A2
    Write --- A3

```

64749
CO

Fig. 5-6AH-5



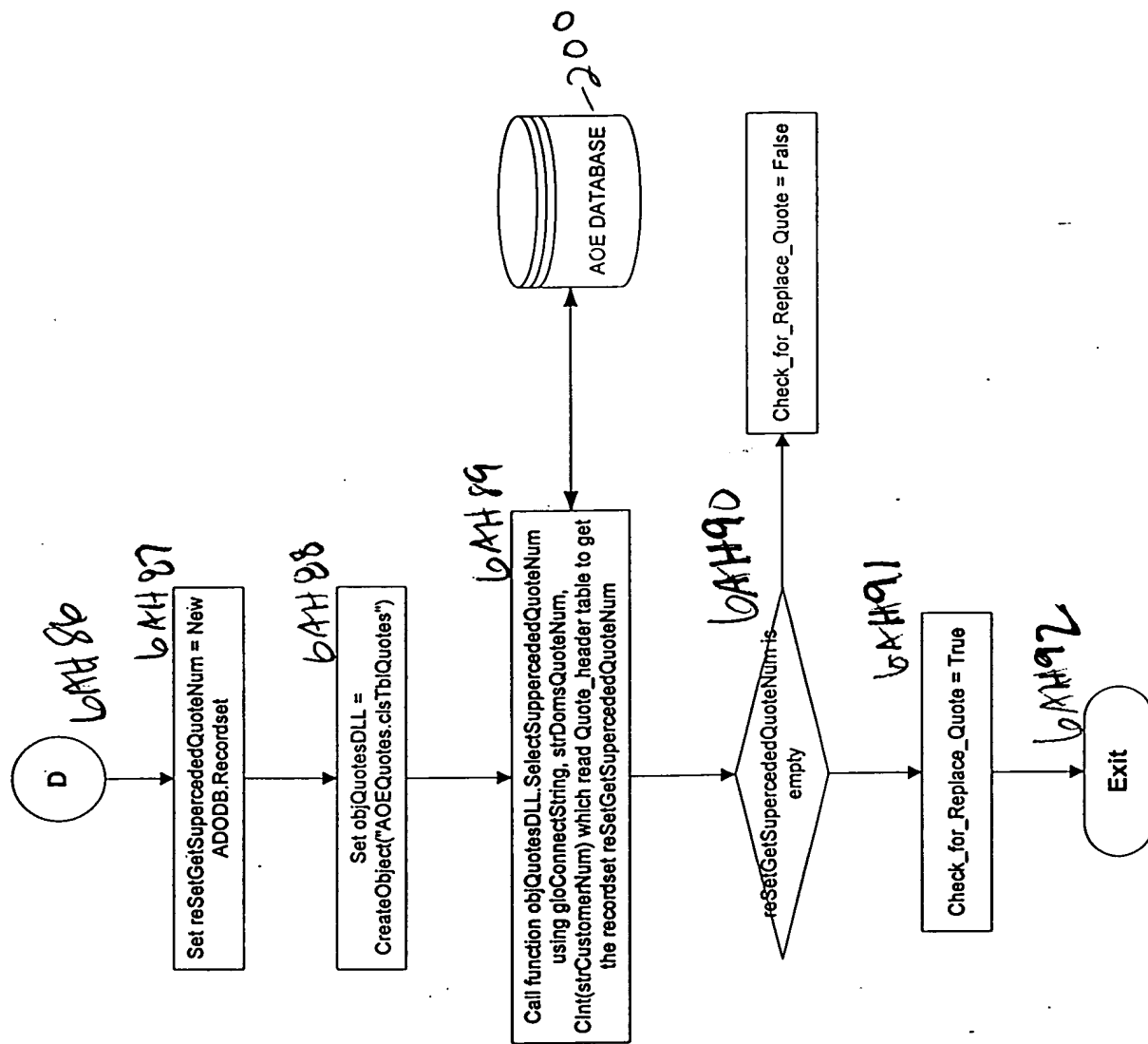


FIG 5-6 AH-7

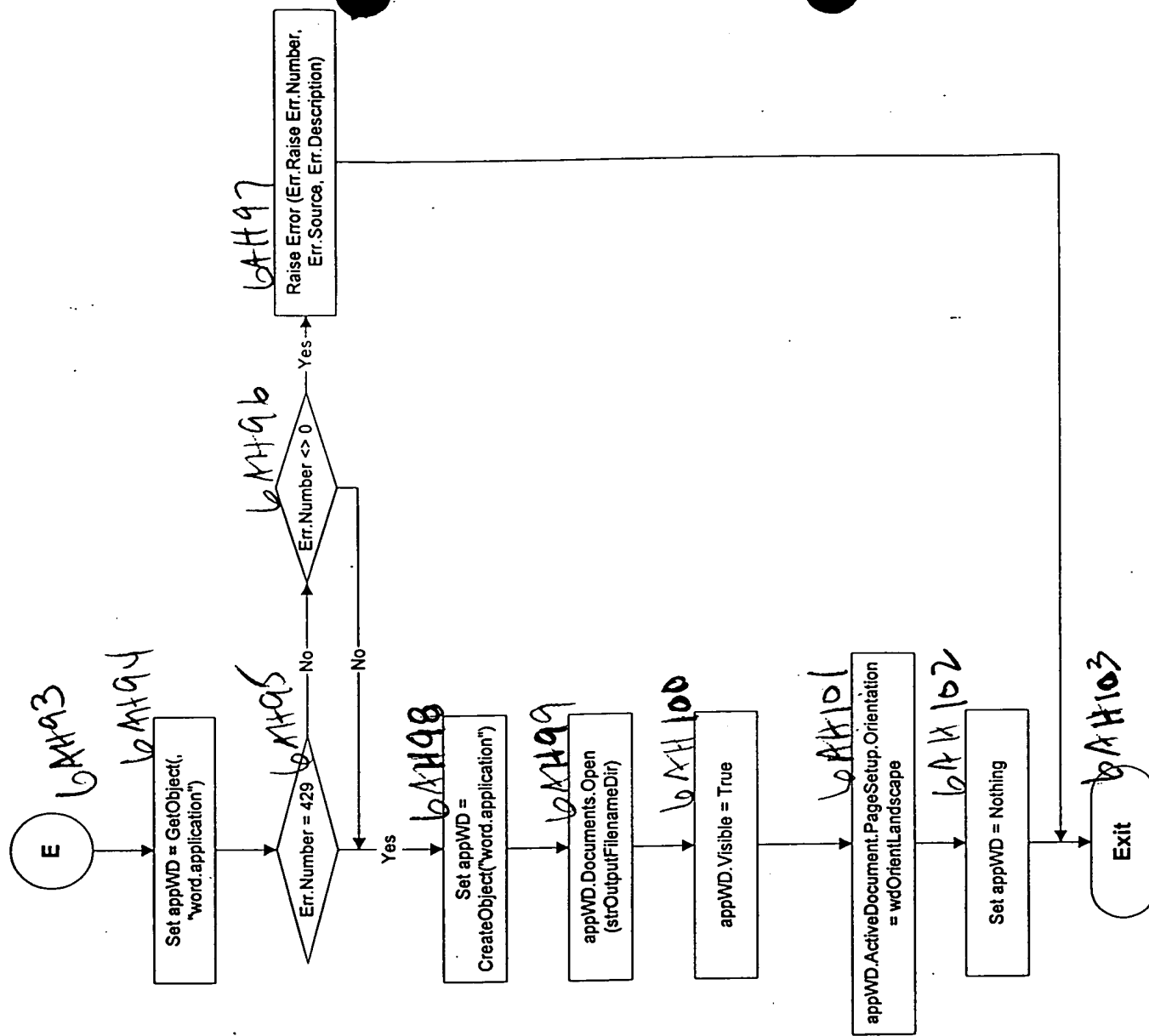


Fig 5-6 AH-8

00503443-064300

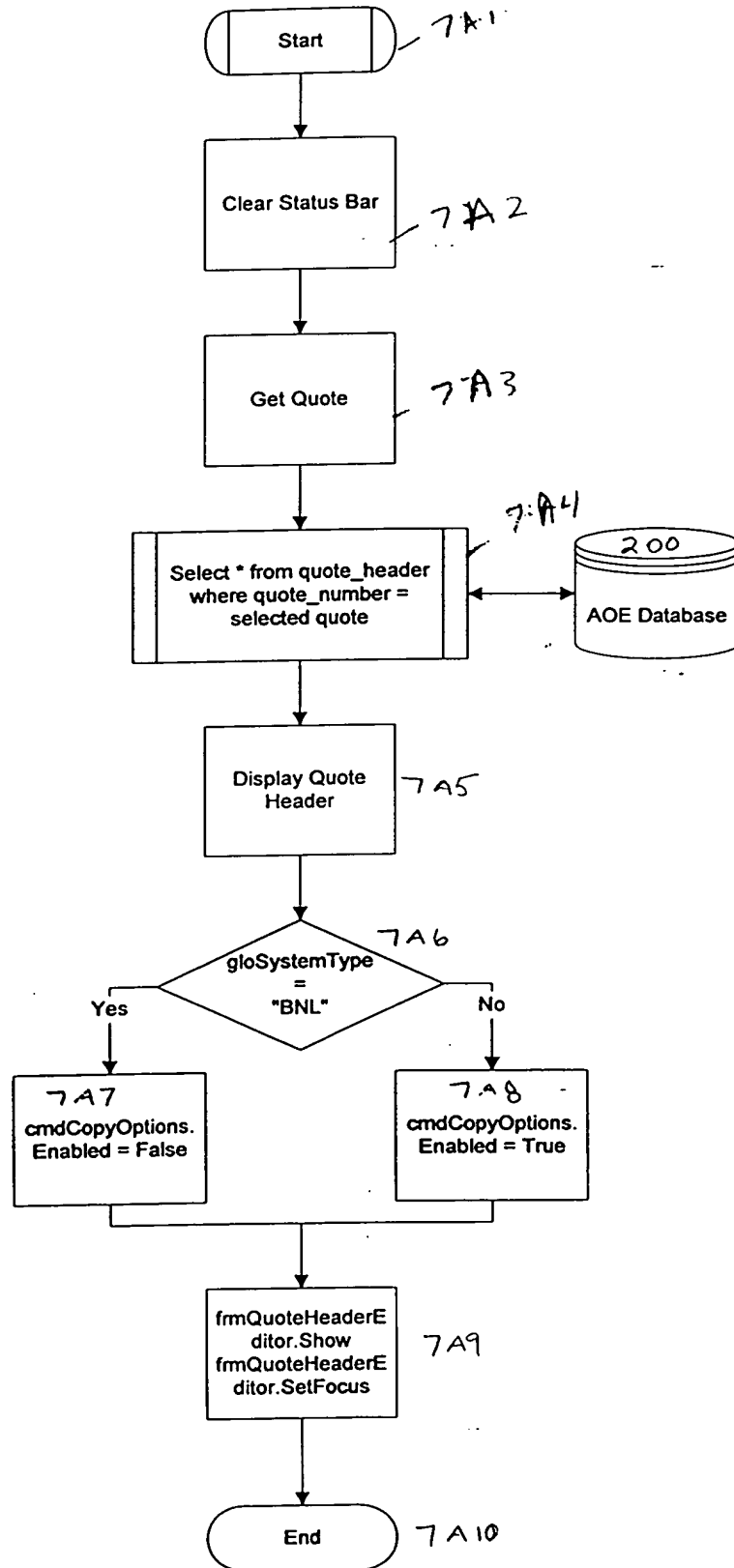


Fig. 5-7A

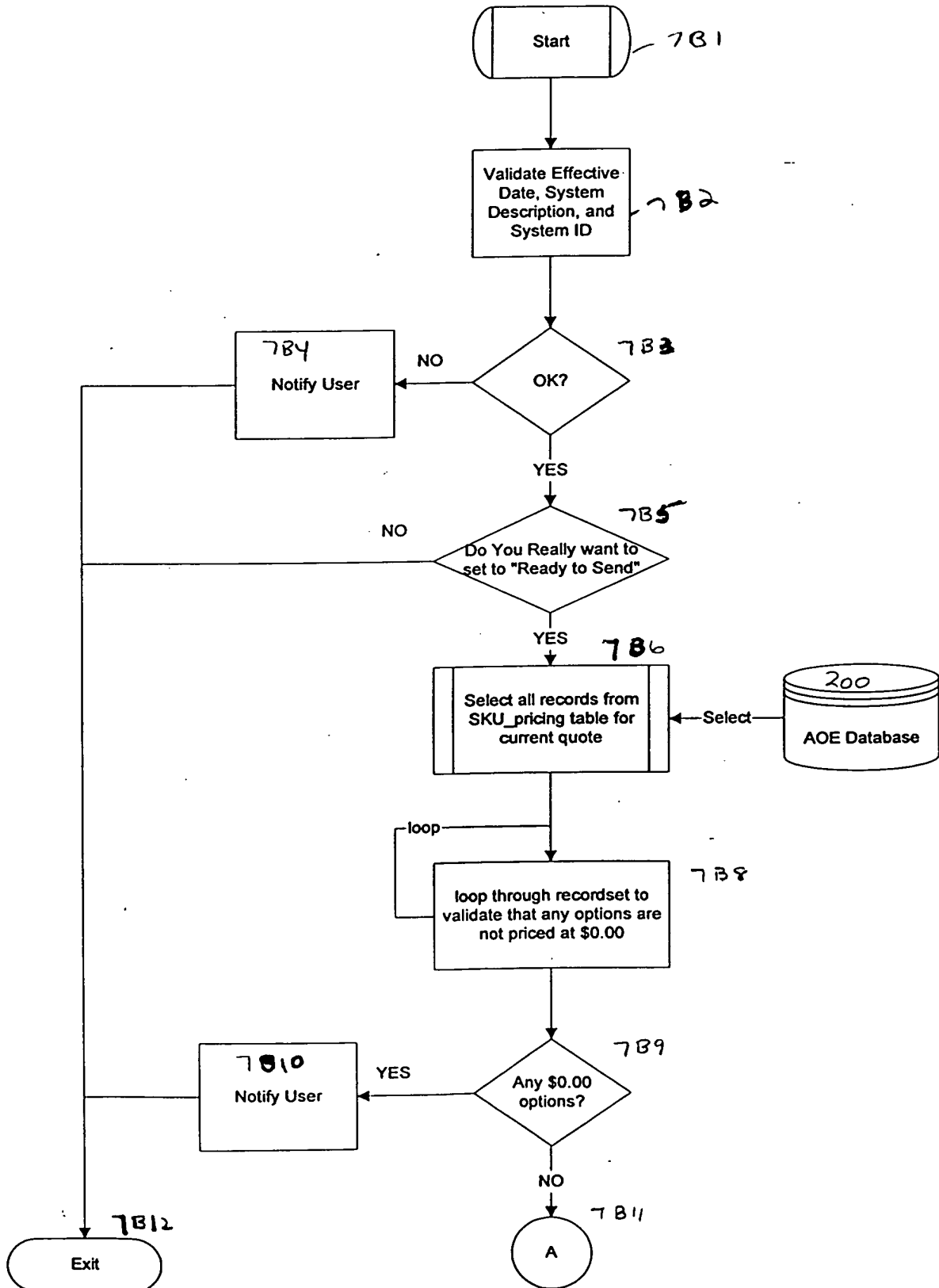


Fig. 5-7B

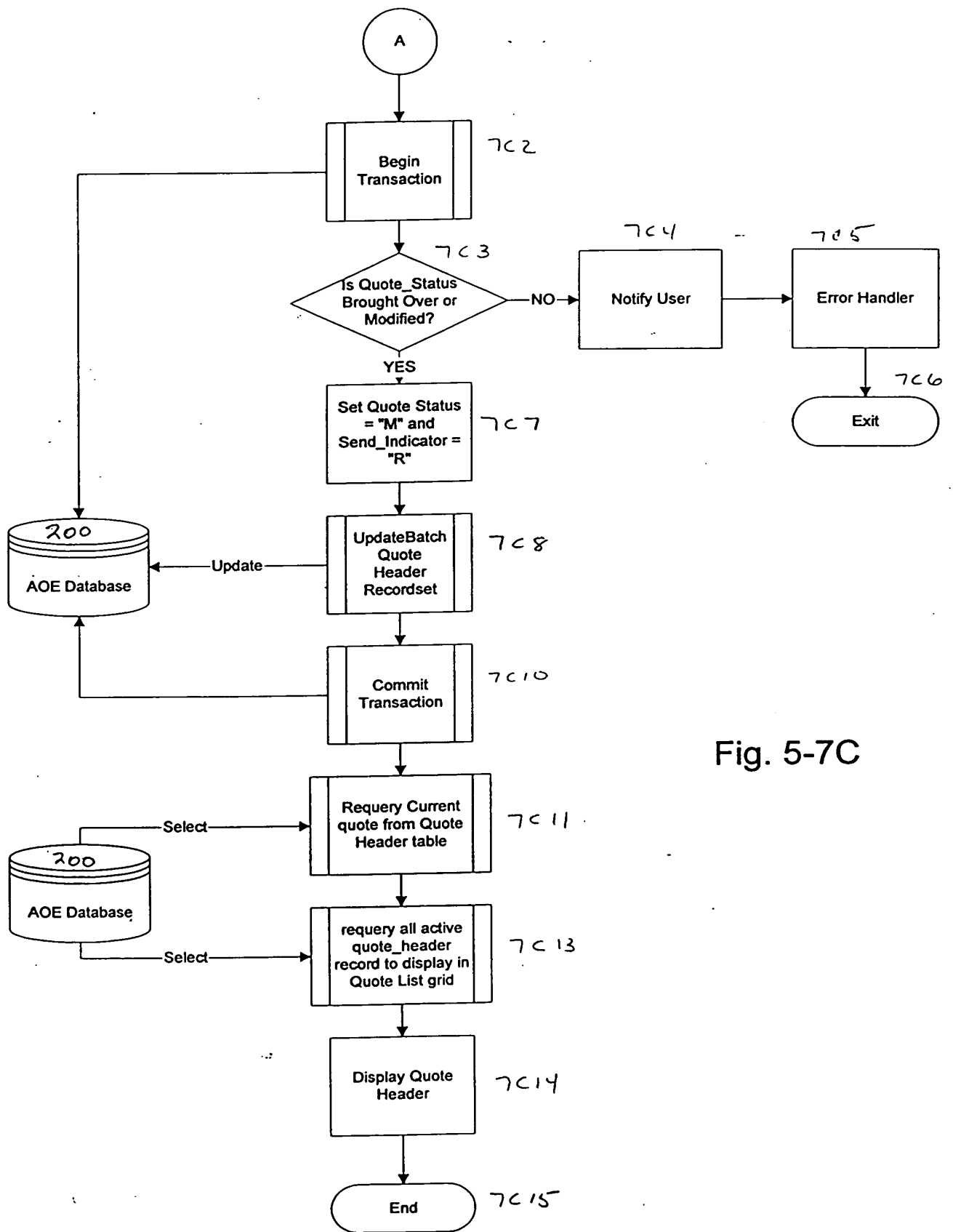
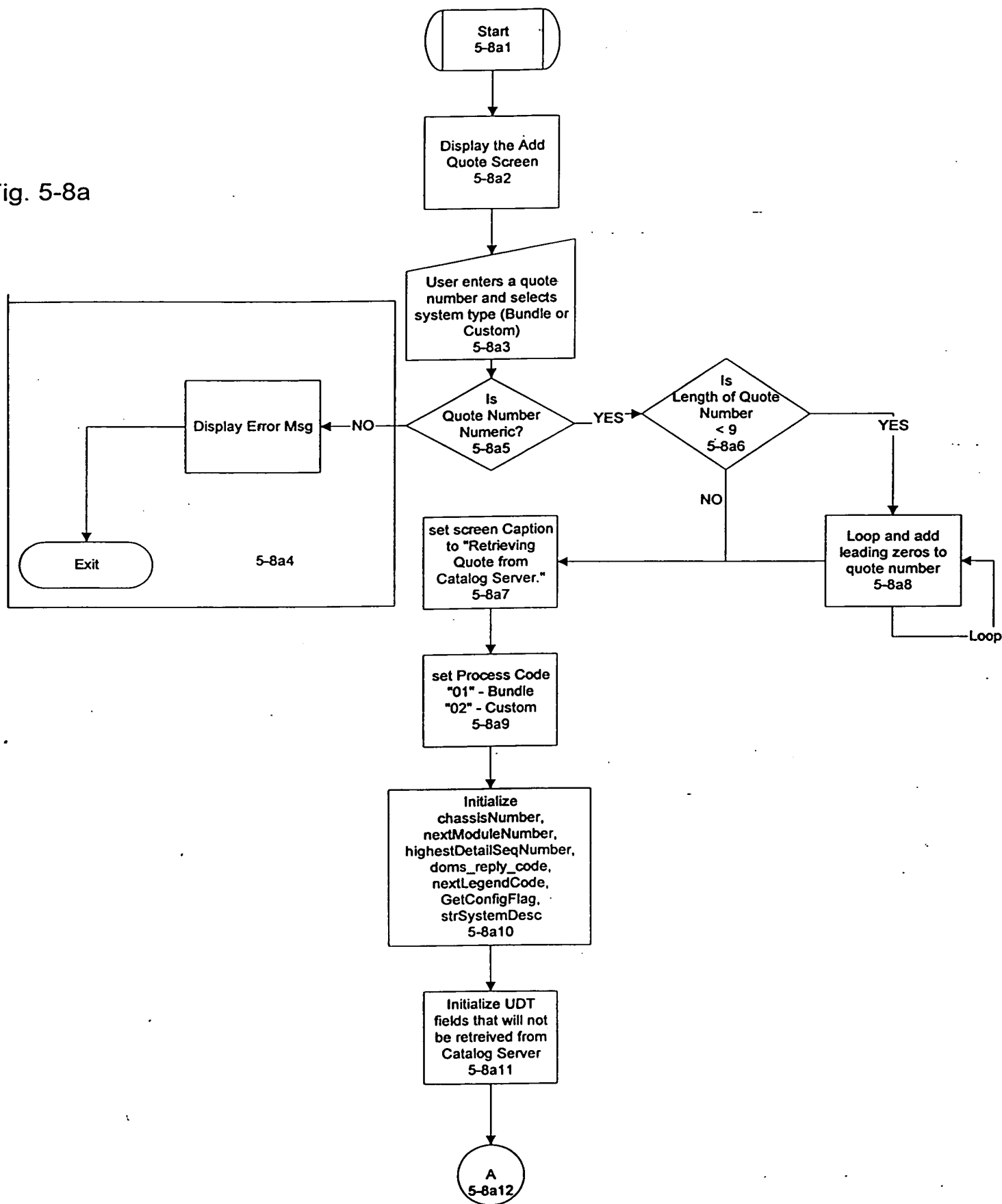


Fig. 5-7C

H **E** **Z** **A** **P** **R**



```

graph TD
    A((A)) -- 8b1 -> 8b2[Do While .Catalog  
Server_reply_code  
<>  
"02"  
(End of Options)]
    8b2 --> 8b3[Catalog Server_reply_code  
'00 - success  
'01 - quote not found  
'02 - end of options  
'90 - quote skus have changed  
'99 - fatal processing error]
    8b2 --> 8b4[Build the Quote  
Request string]
    8b4 --> 8b5{Status = True?}
    8b5 -- NO --> 8b6[Log Error]
    8b6 --> 8b7[Error Handler]
    8b7 --> 8b8([Exit])
    8b5 -- YES --> 8b9[Retrieve Agent 420  
messaging parameters  
from Catalog Table for  
current customer]
    8b9 --> 8b11{mobAgent Is  
Nothing?}
    8b11 -- YES --> 8b12[Set  
mobagent  
=  
New clsagent]
    8b11 -- NO --> 8b13[Send Request  
string to  
Catalog  
Server1160]
    8b12 --> 8b13
    8b13 --> 8b14[Catalog Server1160]
    8b13 --> 8b15[Set mobAgent =  
Nothing]
    8b14 --> 8b13
    8b15 --> B((B))
    8b13 --> C((C))
    C -- 8b17 --> 8b2
    
```

Fig. 5-8b

002150 21125500

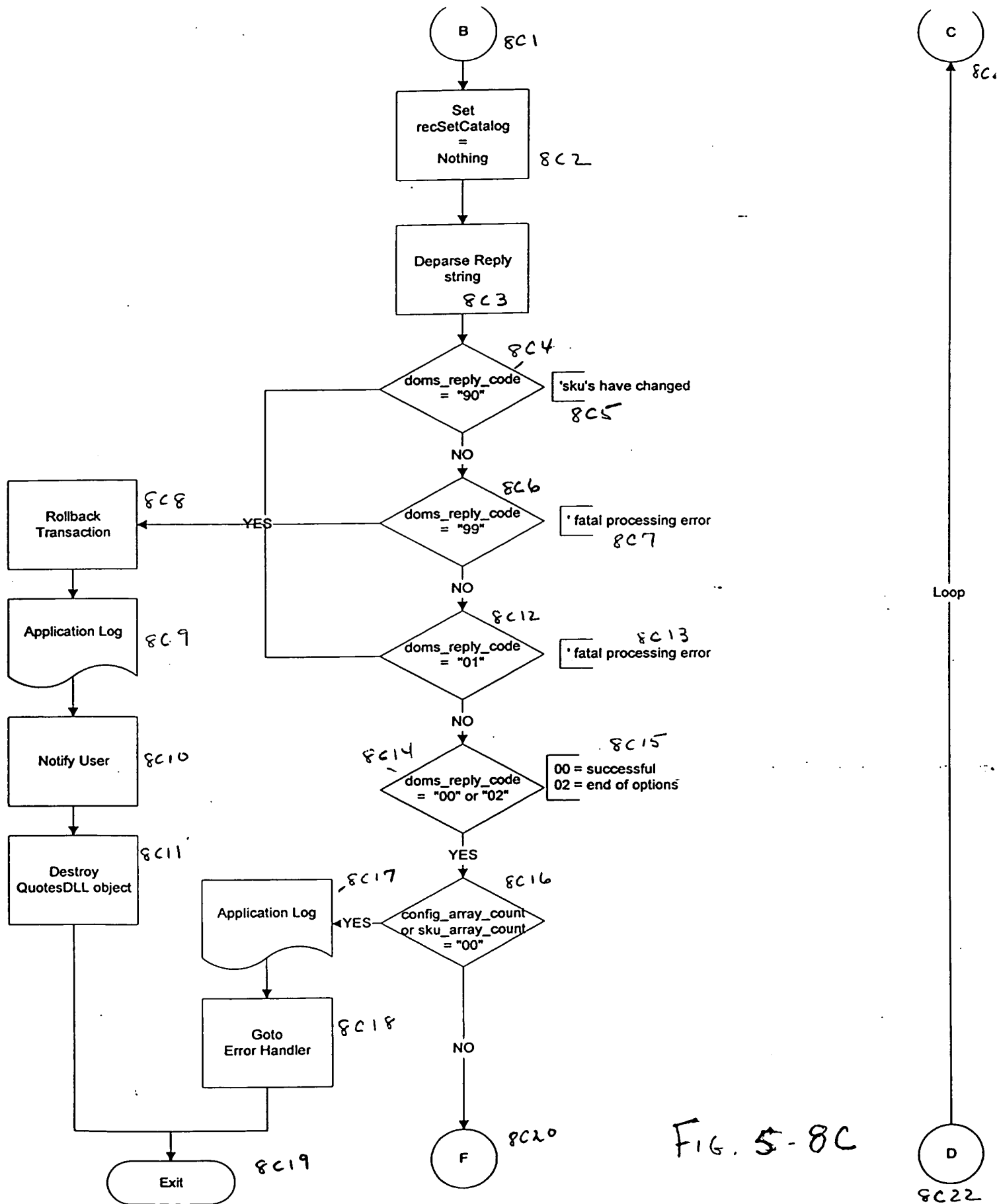


FIG. 5-8C

002150-21E3505

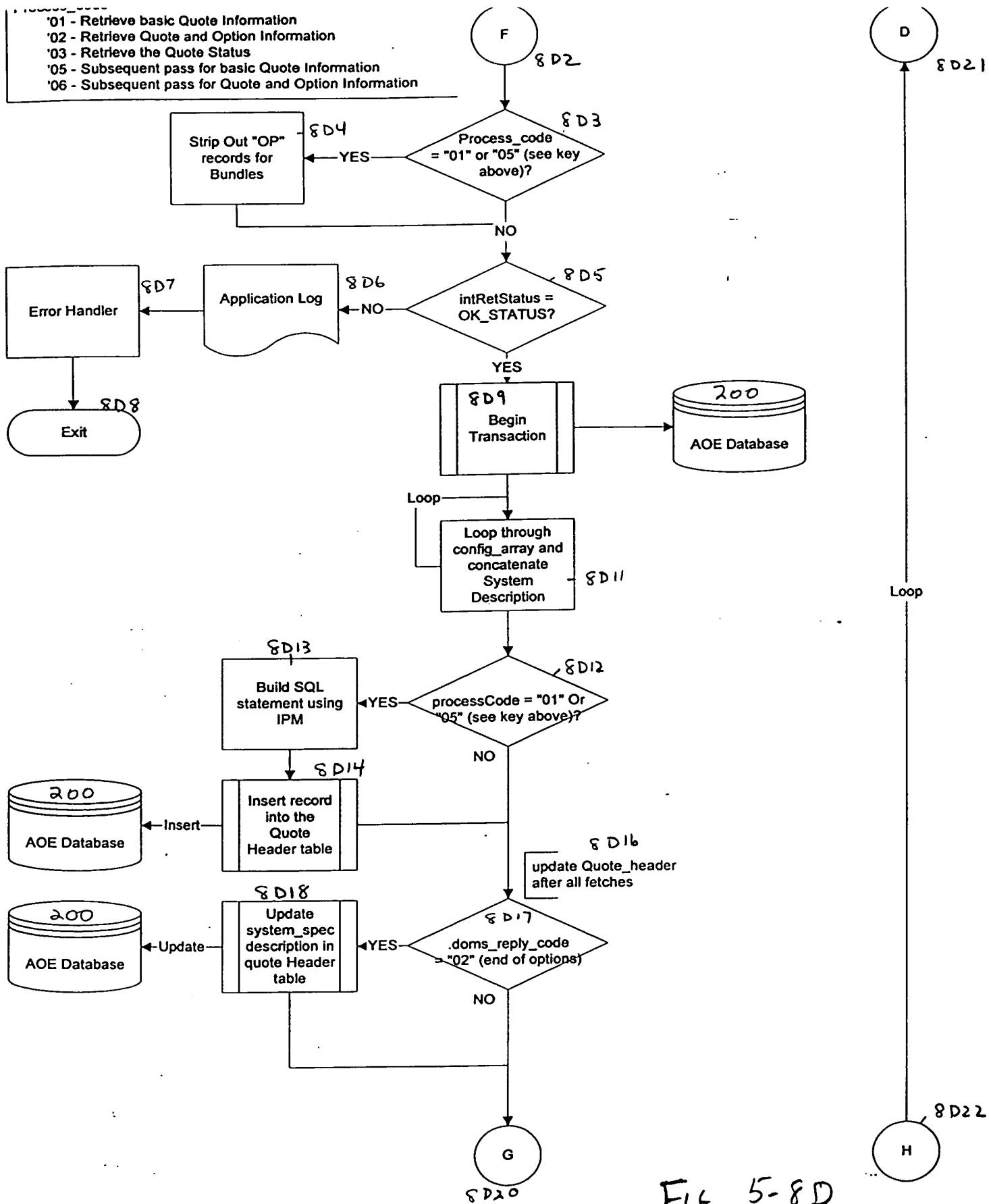
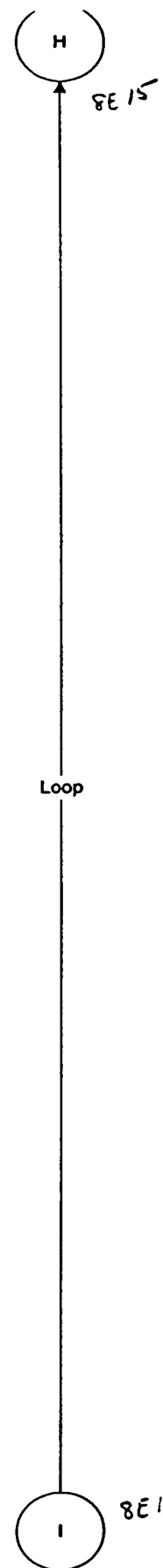


Fig 5-8D


```

graph TD
    G((G 8E1)) --> 8E2[For intArrayPtr1 = 1 To domslPM.sku_array_count 8E2]
    8E2 --> 8E3[Set SKU Friendly Descriptions for the current record 8E3]
    8E3 --> 8E4[Build Sql Statement 8E4]
    8E4 --> 8E5[Insert Config & Option records into the Quote_Detail table 8E5]
    8E5 --> 8E7{intArrayPtr1 = sku_array_count 8E7}
    8E7 -- YES --> 8E8[For intArrayPtr1 = 1 To domslPM.sku_array_count 8E8]
    8E7 -- NO --> 8E3
    8E8 --> 8E9[Set SKU Friendly Descriptions for the current record 8E9]
    8E9 --> 8E10[Build Sql Statement 8E10]
    8E10 --> 8E11[Insert Config & Option records into the SKU table 8E11]
    8E11 --> 8E13{intArrayPtr1 = sku_array_count 8E13}
    8E13 -- YES --> J((J 8E14))
    8E13 -- NO --> 8E9
    
```

Flowchart 200 illustrates the process of generating a quote and SKU details. The process starts with a start node 'G' (8E1) and proceeds to a loop 'For intArrayPtr1 = 1 To domslPM.sku_array_count' (8E2). It then sets SKU friendly descriptions (8E3), builds a SQL statement (8E4), and inserts records into the Quote_Detail table (8E5). A decision diamond (8E7) checks if intArrayPtr1 equals sku_array_count. If YES, it proceeds to another loop 'For intArrayPtr1 = 1 To domslPM.sku_array_count' (8E8). If NO, it loops back to 8E3. The second loop (8E8) sets SKU friendly descriptions (8E9), builds a SQL statement (8E10), and inserts records into the SKU table (8E11). A decision diamond (8E13) checks if intArrayPtr1 equals sku_array_count. If YES, it proceeds to end node 'J' (8E14). If NO, it loops back to 8E9. Both loops are labeled 'Loop'.



002150 0016500

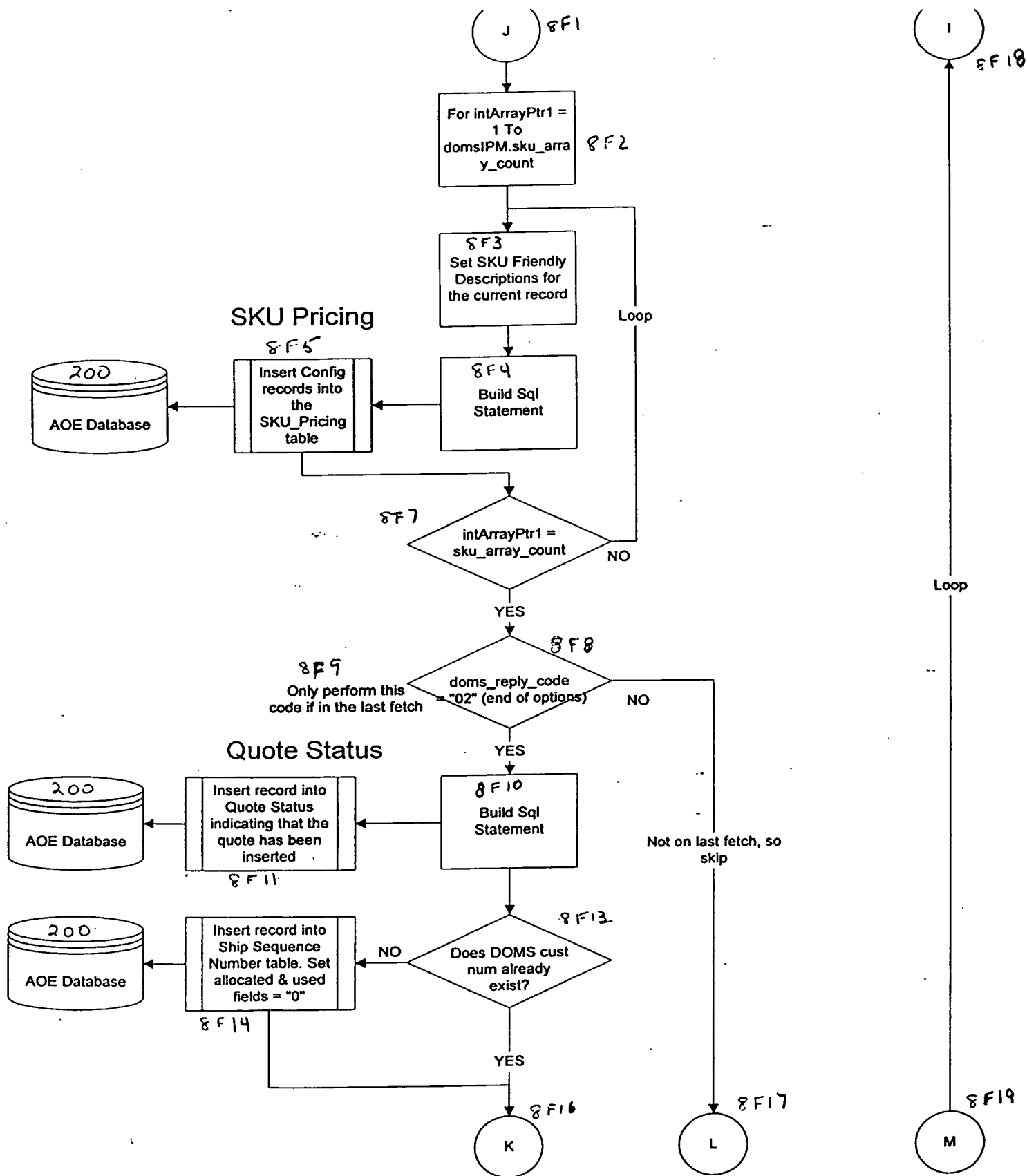


FIG 5-8F

002150 001100 001100

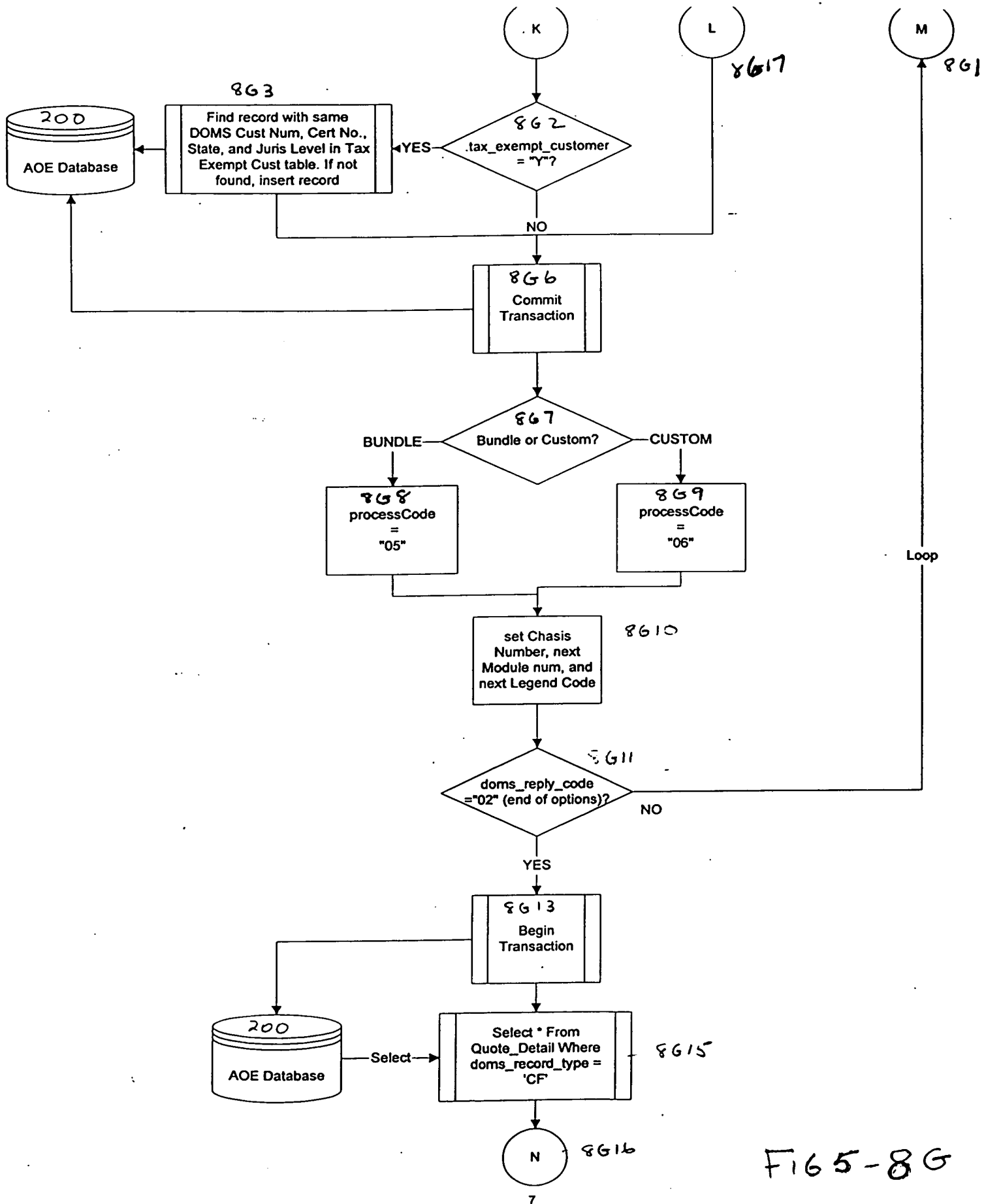


FIG 5-8G

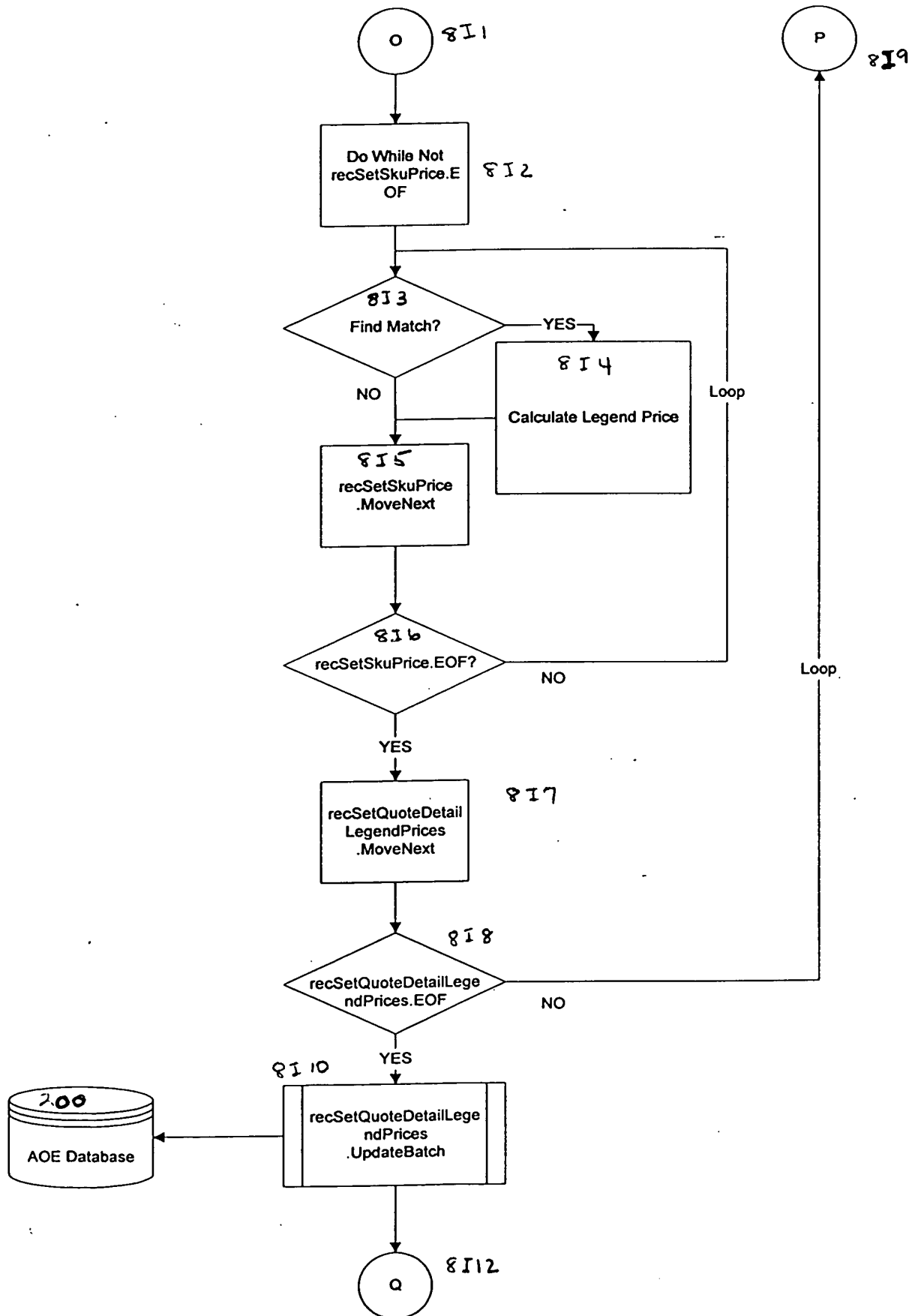
```

graph TD
    N((N)) --> 8H2[8H2  
Select * From Quote_Detail Where  
doms_record_type = 'CF']
    AOE1[(200  
AOE Database)] --> 8H2
    8H2 --> 8H4[8H4  
Select * From Quote_Header for  
current quote]
    AOE2[(200  
AOE Database)] --> 8H4
    8H4 --> 8H6[8H6  
Select * From SKU_PRICING for  
current quote and customer and  
sku_price_status = 'Y']
    AOE3[(200  
AOE Database)] --> 8H6
    8H6 --> 8H8[8H8  
Select * From SKU for  
current quote and customer and  
sku_status = 'Y']
    AOE4[(200  
AOE Database)] --> 8H8
    8H8 --> 8H10[8H10  
recSetQuoteDetailLegendPrices  
.movefirst]
    8H10 --> 8H11[8H11  
Do While Not  
recSetQuoteDetailLegendPrices.EOF]
    8H11 --> 8H13[8H13  
recSetQuoteDetailLegendPrices!dom  
s_legend_price = 0#]
    8H13 --> 8H14[8H14  
recSetSkuPrice.M  
oveFirst]
    8H14 --> O((O))
    8H11 -- Loop --> P((P))
    P --> 8H12[8H12]
    8H12 --> 8H15((O))

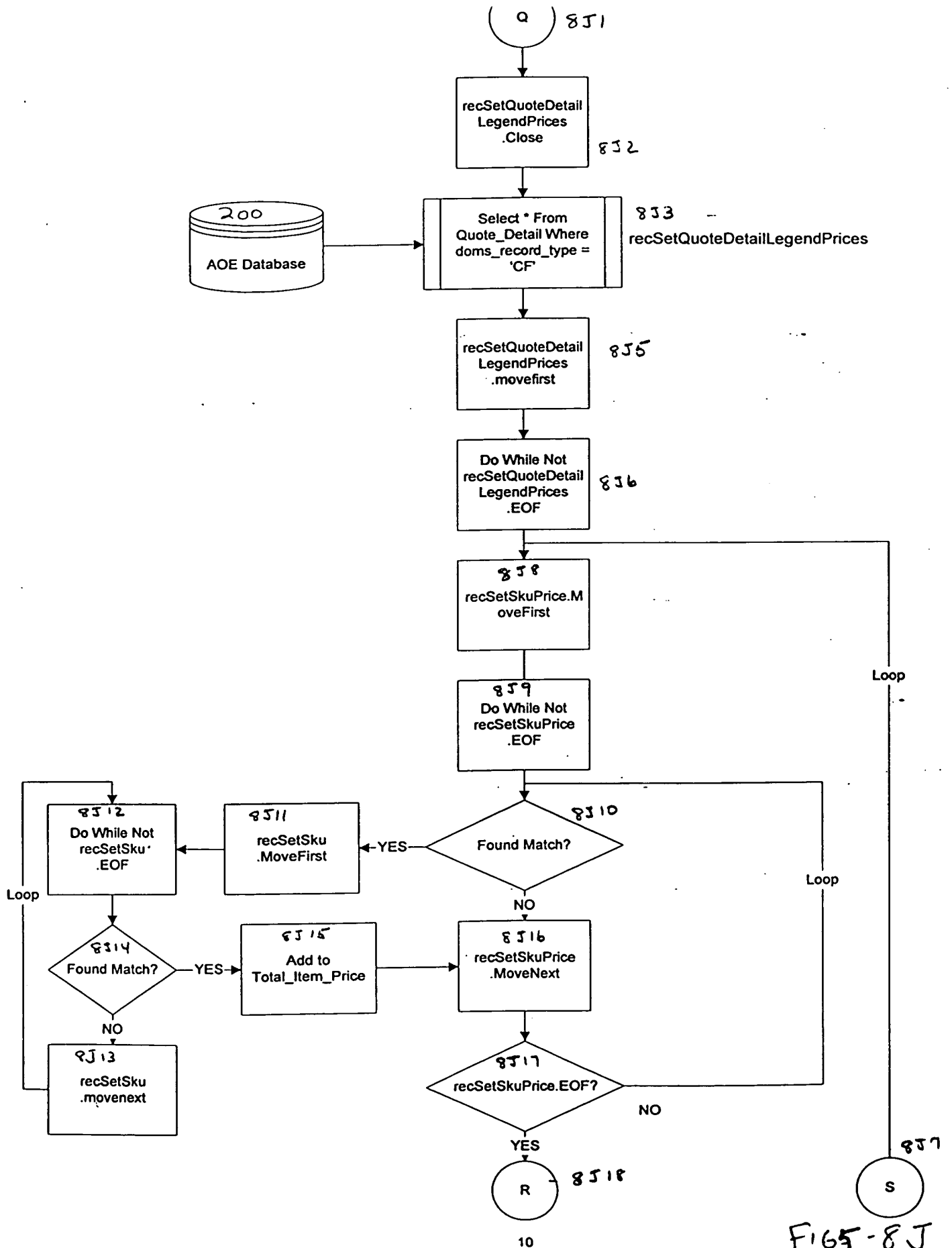
```

8

005034.12.054300
002150.27426500



0059343-064300



```

graph TD
    R((R)) --> 8K2[8K2  
recSetQuoteDetail  
LegendPrices  
.MoveNext]
    8K2 --> 8K3{8K3  
recSetQuoteDetailLegendPr  
ices.EOF}
    8K3 -- NO --> S((S))
    S -- Loop --> 8K2
    8K3 -- YES --> 8K5{8K5  
TotalItemPrice =  
recSetQuoteHeaderPriceID  
OMS_QUOTE_ITEM_TOTA  
L?}
    8K5 -- NO --> 8K6[8K6  
Notify User]
    8K6 --> 8K7[/Application Log  
8K7/]
    8K7 --> 8K8[8K8  
perform Update  
Batch set  
Quote_status in  
Exception for  
current quote]
    8K8 --> 8K10[8K10  
Insert record into  
Quote_Status  
table]
    8K10 --> 8K12[8K12  
Commit  
Transaction]
    8K12 --> 8K13[8K13  
Notify User of  
successful extract]
    8K13 --> 8K14([8K14  
End])
    8K12 --> AOE1[(200  
AOE Database)]
    8K12 --> AOE2[(200  
AOE Database)]
  
```

```

graph TD
    Start([Start]) --> Init[Initialization]
    Init --> Select[Select quote_header records]
    AOE[(AOE Database)] --> Select
    Select --> AnyRecords{Any Records?}
    AnyRecords -- NO --> ClearGrids[Clear Grids]
    AnyRecords -- YES --> LoopStart[Loop until no more records]
    ClearGrids --> NotifyUser[Notify User "No Catalog Records"]
    LoopStart --> DisplayRecord[Display record in grid]
    DisplayRecord --> AnyMoreRecords{Any More records?}
    AnyMoreRecords -- YES --> DisplayCatalog[Display Catalog File History screen]
    AnyMoreRecords -- NO --> LoopStart
    DisplayCatalog --> Exit([Exit])
    NotifyUser --> Exit

```



Exit 9A12

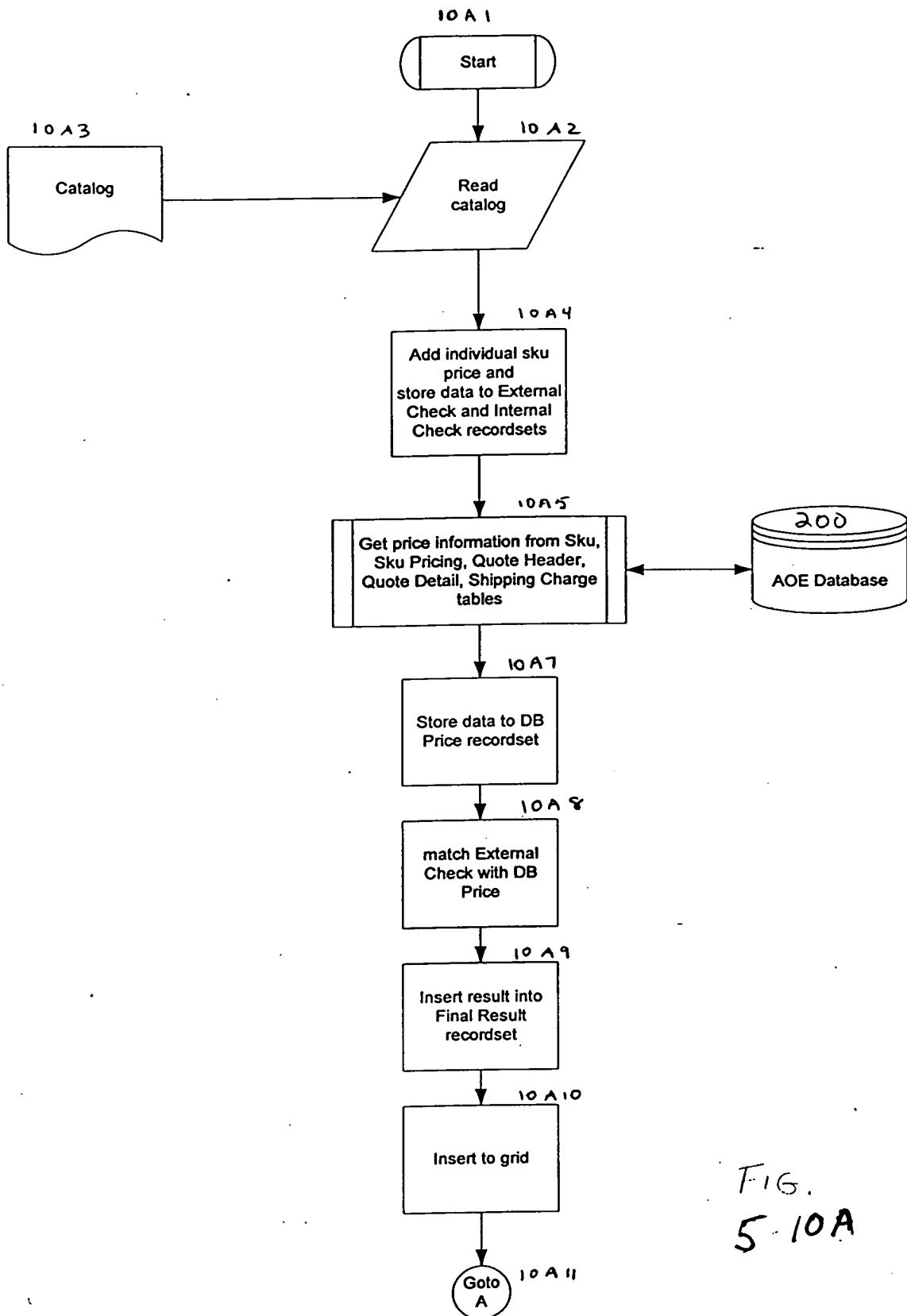
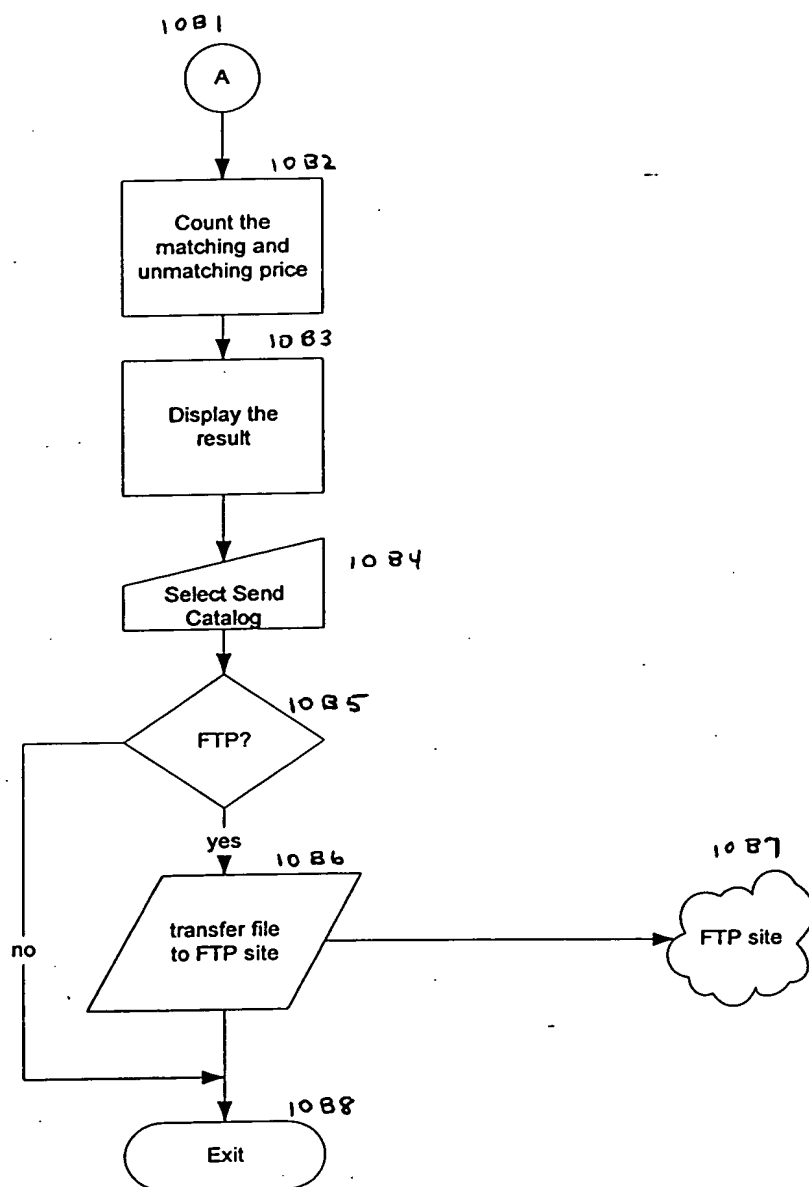


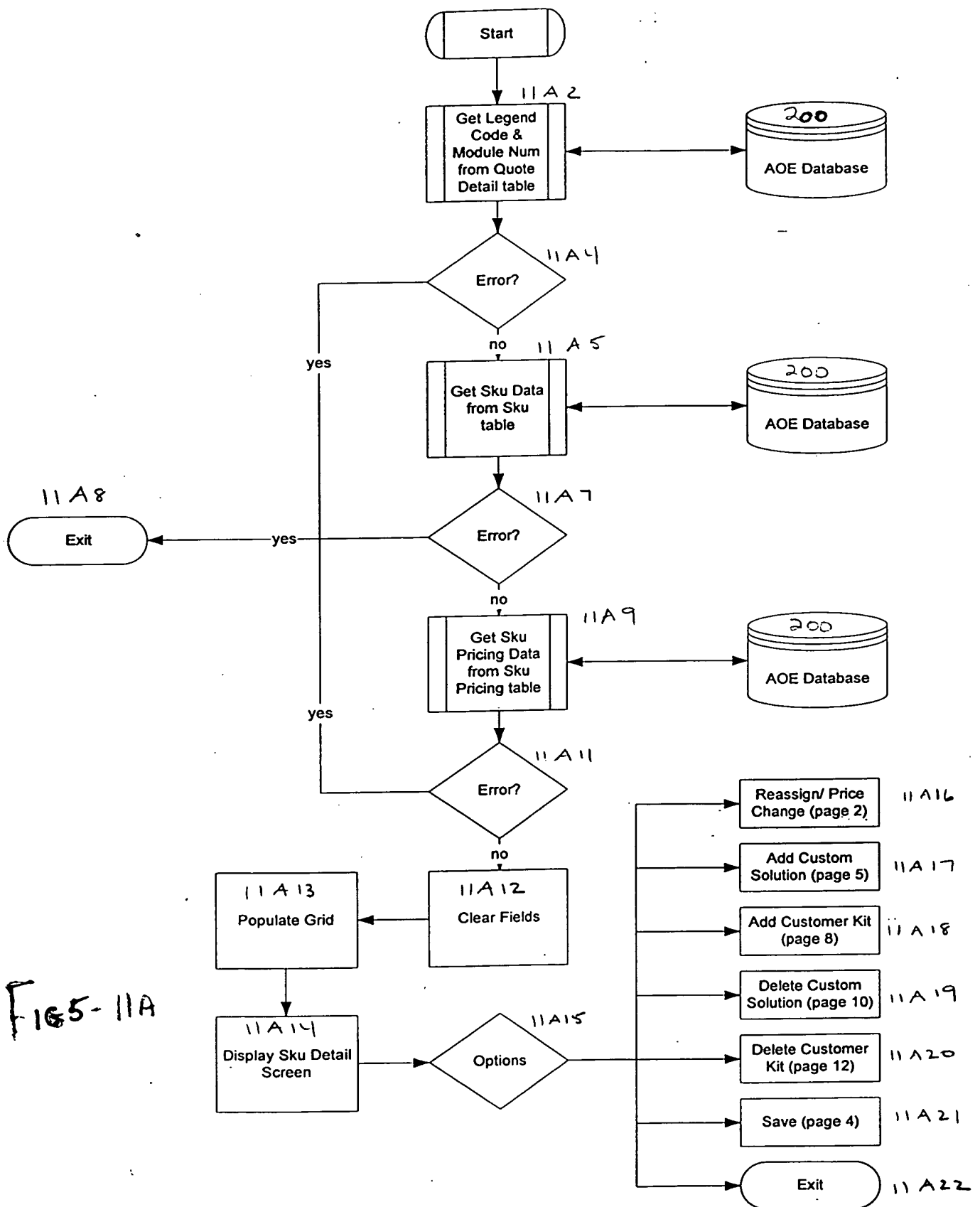
FIG.
5-10A

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818



F 16. 5-10B

FIG 5-11A



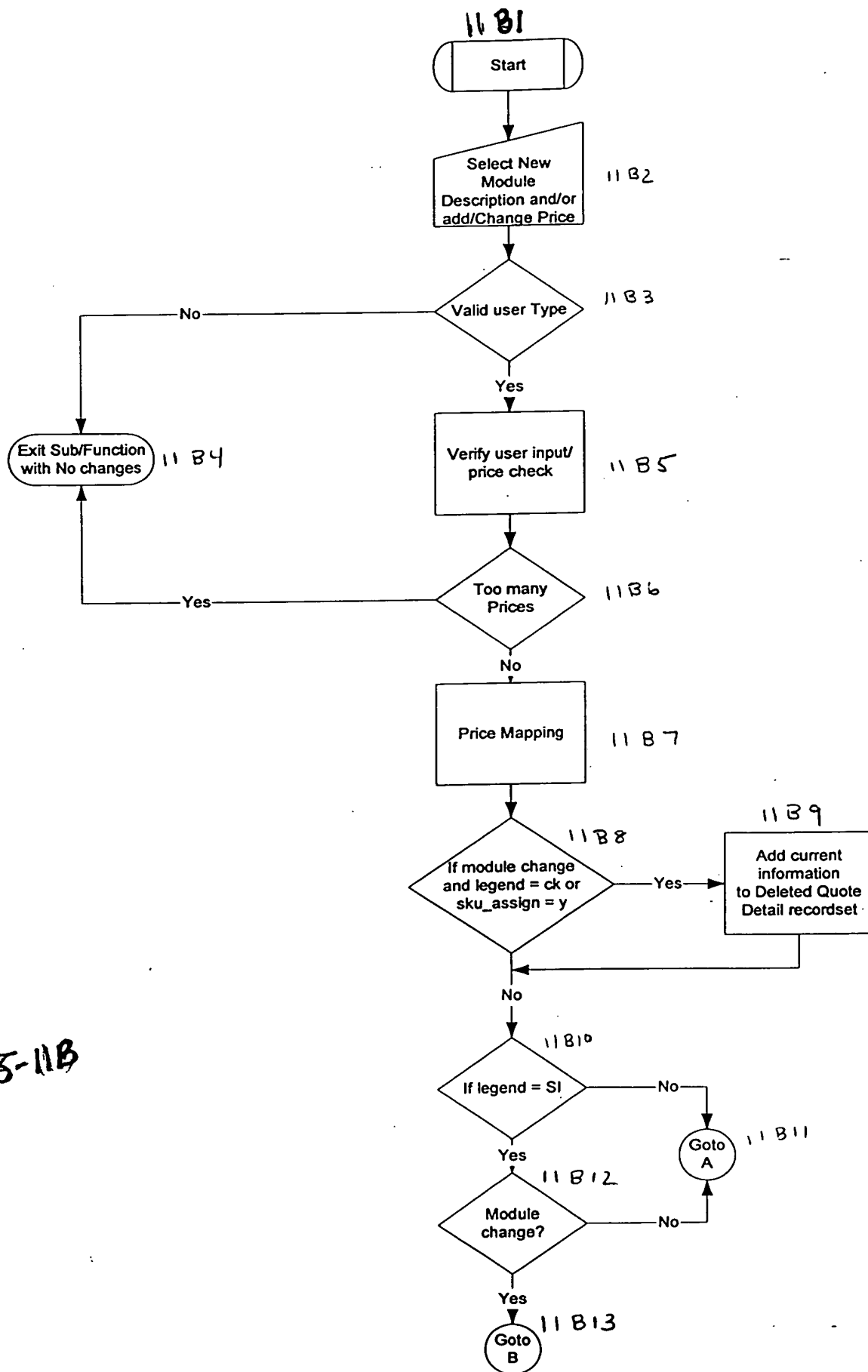
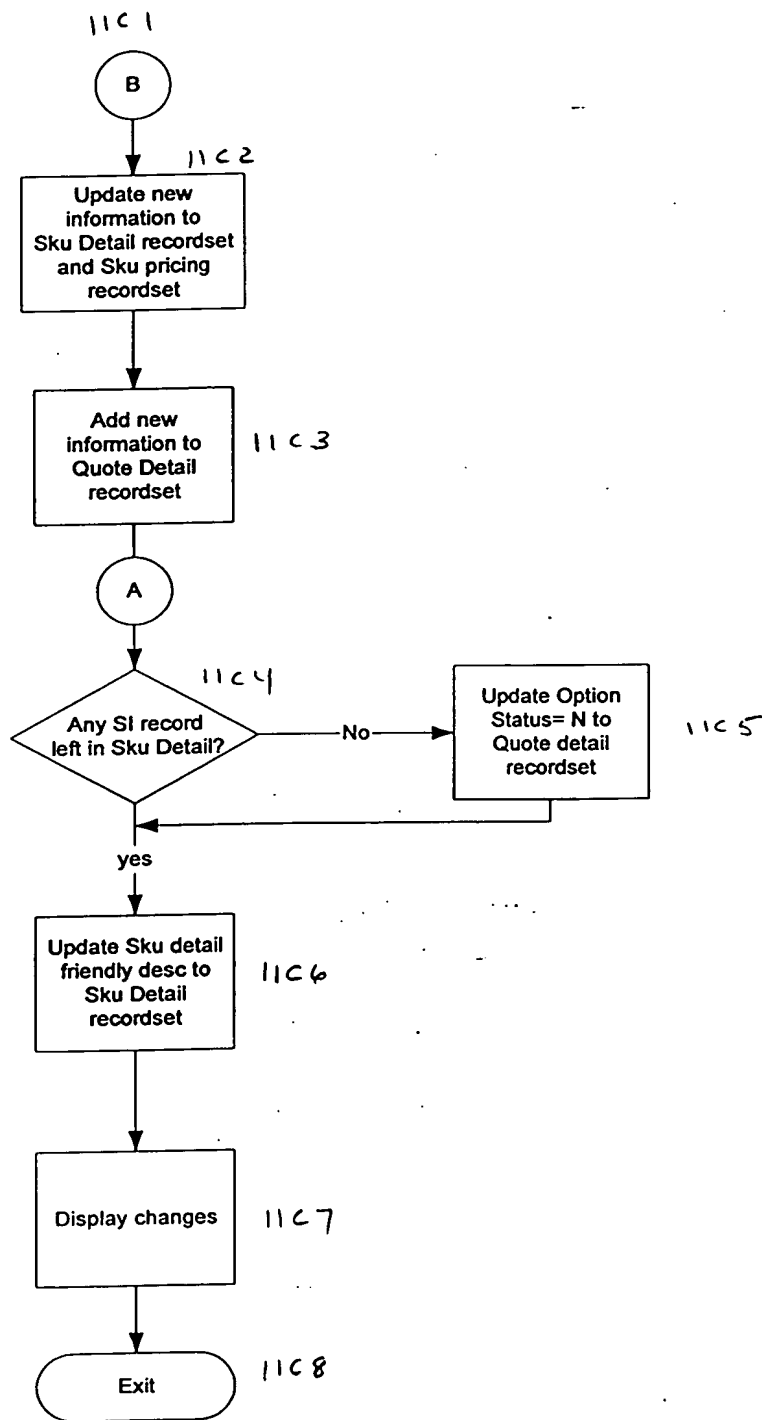


FIG 5-11B

FIG. 5-11C



```

graph TD
    Start([1101 Start]) --> AllowSave{1102 Allow save?}
    AllowSave -- no --> Exit1([1103 Exit])
    AllowSave -- yes --> BeginTrans[1104 Begin Transaction]
    BeginTrans --> UpdateBatchSkuPricing[1106 Update batch Sku Pricing]
    UpdateBatchSkuPricing <--> AOE1[(200 AOE Database)]
    UpdateBatchSkuPricing --> UpdateBatchQuoteDetail[1107 Update batch Quote Detail]
    UpdateBatchQuoteDetail <--> AOE2[(200 AOE Database)]
    UpdateBatchQuoteDetail --> UpdateBatchSkuDetail[1109 Update batch Sku Detail]
    UpdateBatchSkuDetail <--> AOE3[(200 AOE Database)]
    UpdateBatchSkuDetail --> DeleteRecordset[11012 Delete Deletedquote detail recordset from quote detail]
    DeleteRecordset <--> AOE4[(200 AOE Database)]
    DeleteRecordset --> Errors{11014 Errors?}
    Errors -- yes --> Rollback[11015 Roll back Transaction]
    Rollback <--> AOE5[(200 AOE Database)]
    Rollback --> Exit2([11020 Exit])
    Errors -- no --> Commit[11017 Commit Transaction]
    Commit --> AOE6[(200 AOE Database)]
    Commit --> DisplayQuoteDetail[11018 Display Quote Detail (see flowchart)]
    DisplayQuoteDetail --> RefreshSkuDetail[11019 Refresh Sku Detail (see flowchart)]
    RefreshSkuDetail --> Exit2
  
```

FIG. 5-11-D

00502413 004300

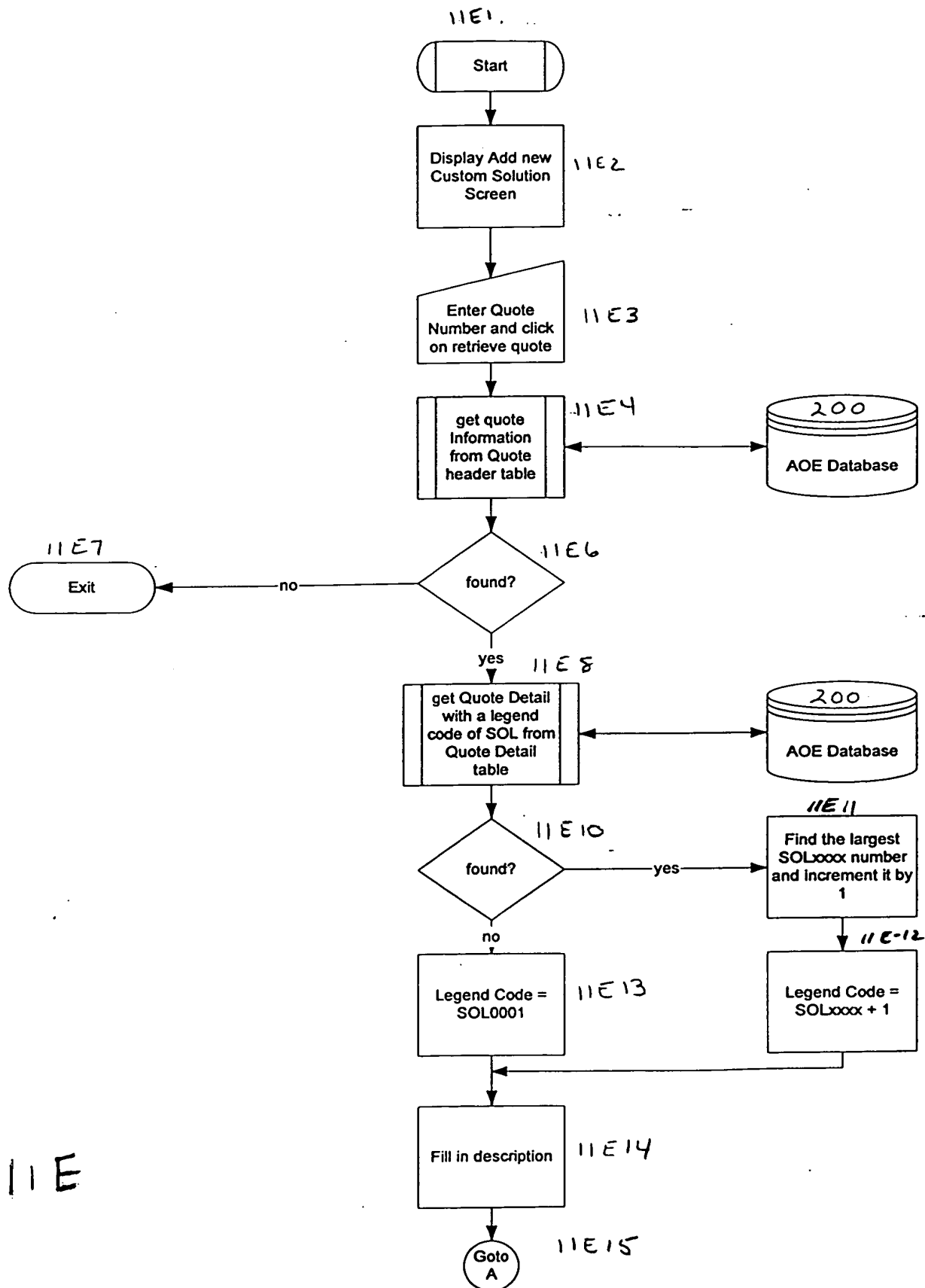


FIG. 5-11E

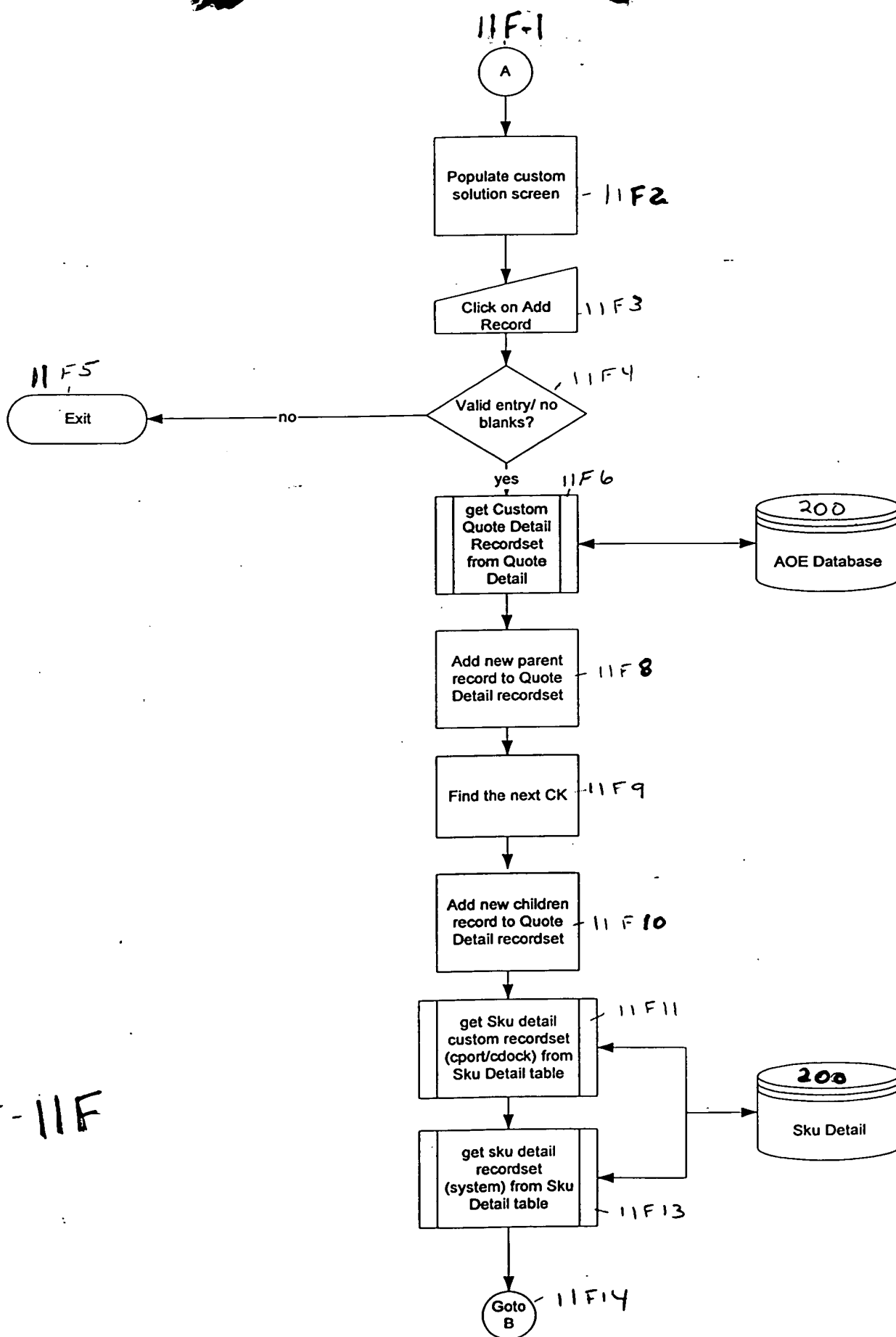
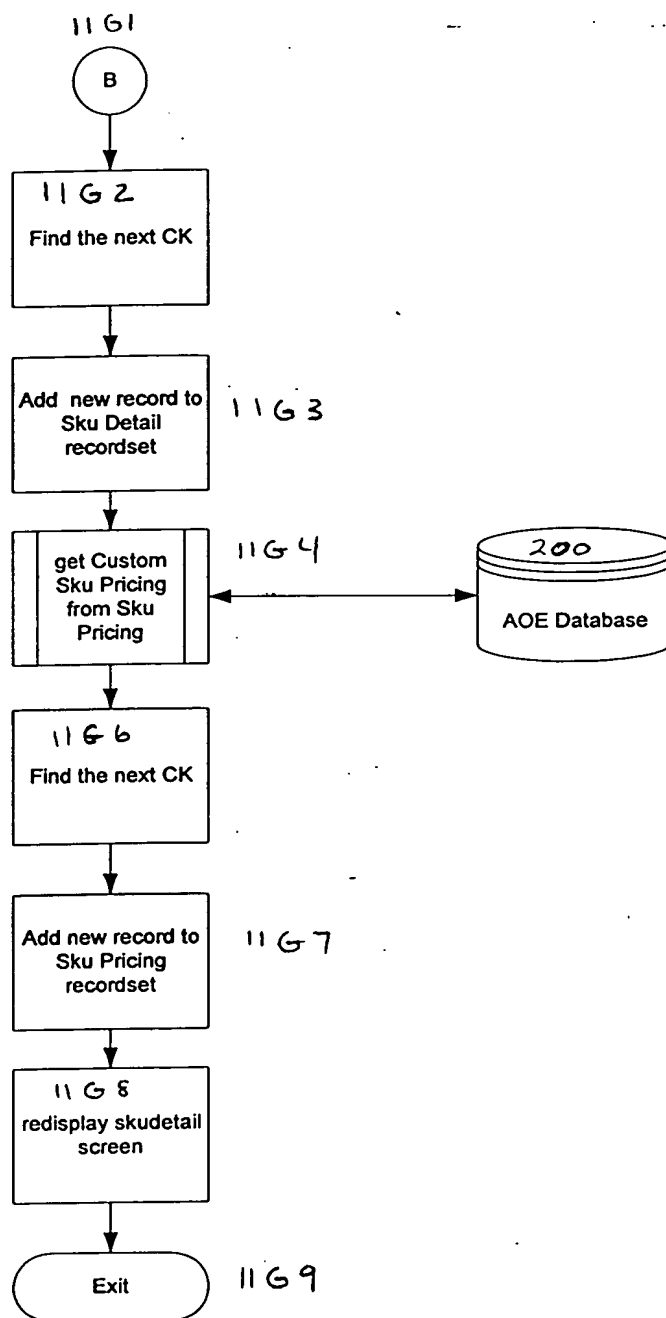
[illegible]

FIG. 5-11F

FIG. 5 - 11G



```

graph TD
    Start([Start]) --> GetQuote[Get quote detail information from Quote Detail]
    AOE[(AOE Database)] --> GetQuote
    GetQuote --> Found{found?}
    Found -- No --> Exit1([Exit])
    Found -- yes --> Clear[Clear fields]
    Clear --> Disable[disable command buttons]
    Disable --> Populate[populate field for 'CF' for each module number found]
    Populate --> EOF{EOF?}
    EOF -- no --> Populate
    EOF -- yes --> Display[Display Quote Detail screen]
    Display --> Options{Options}
    Options --> Legend[Legend Detail  
(see 17. Legend detail flowchart)]
    Options --> Exit2([Exit])

```

FIG. 5-12

002150-01126600

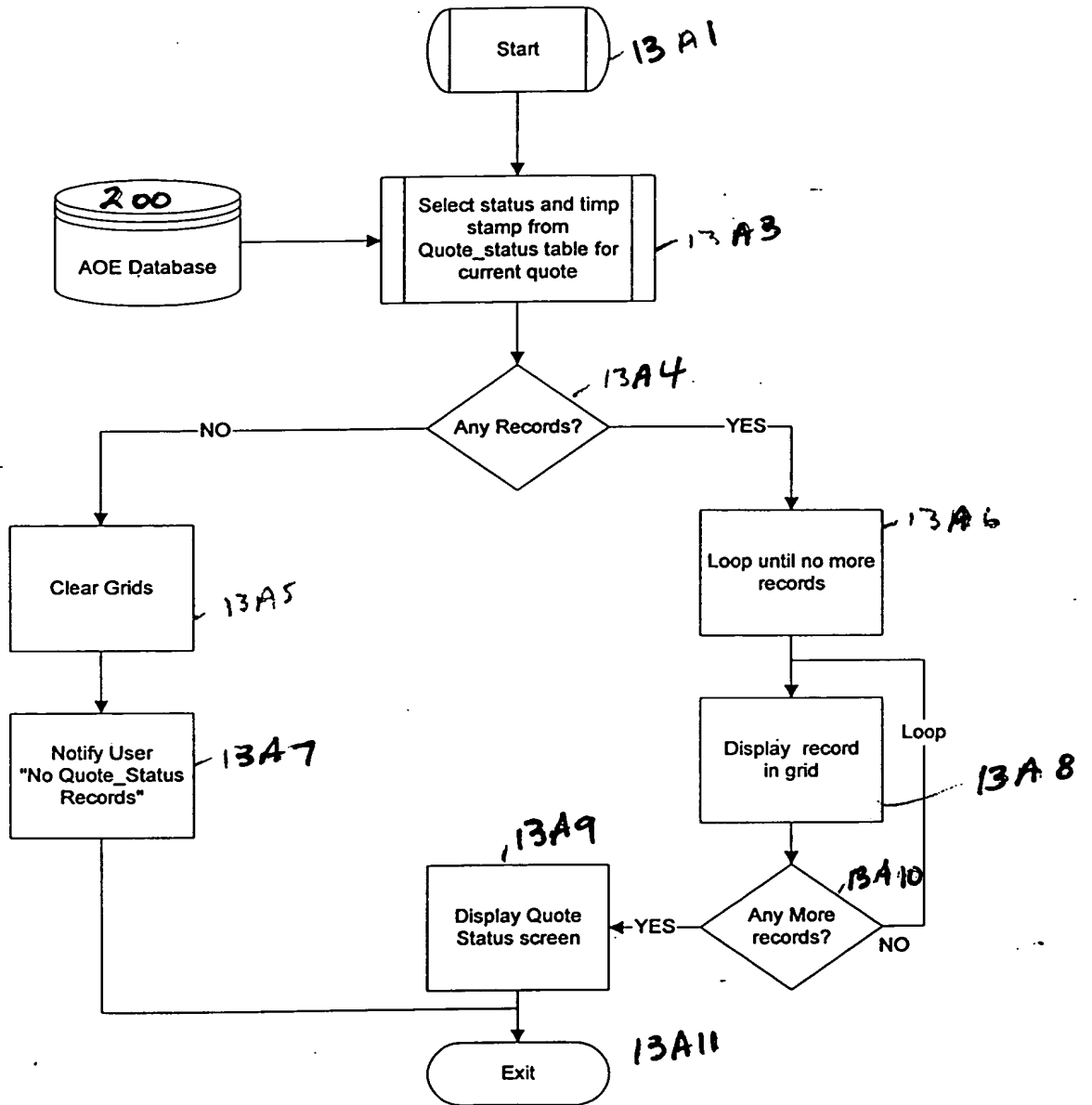


FIG 5-13

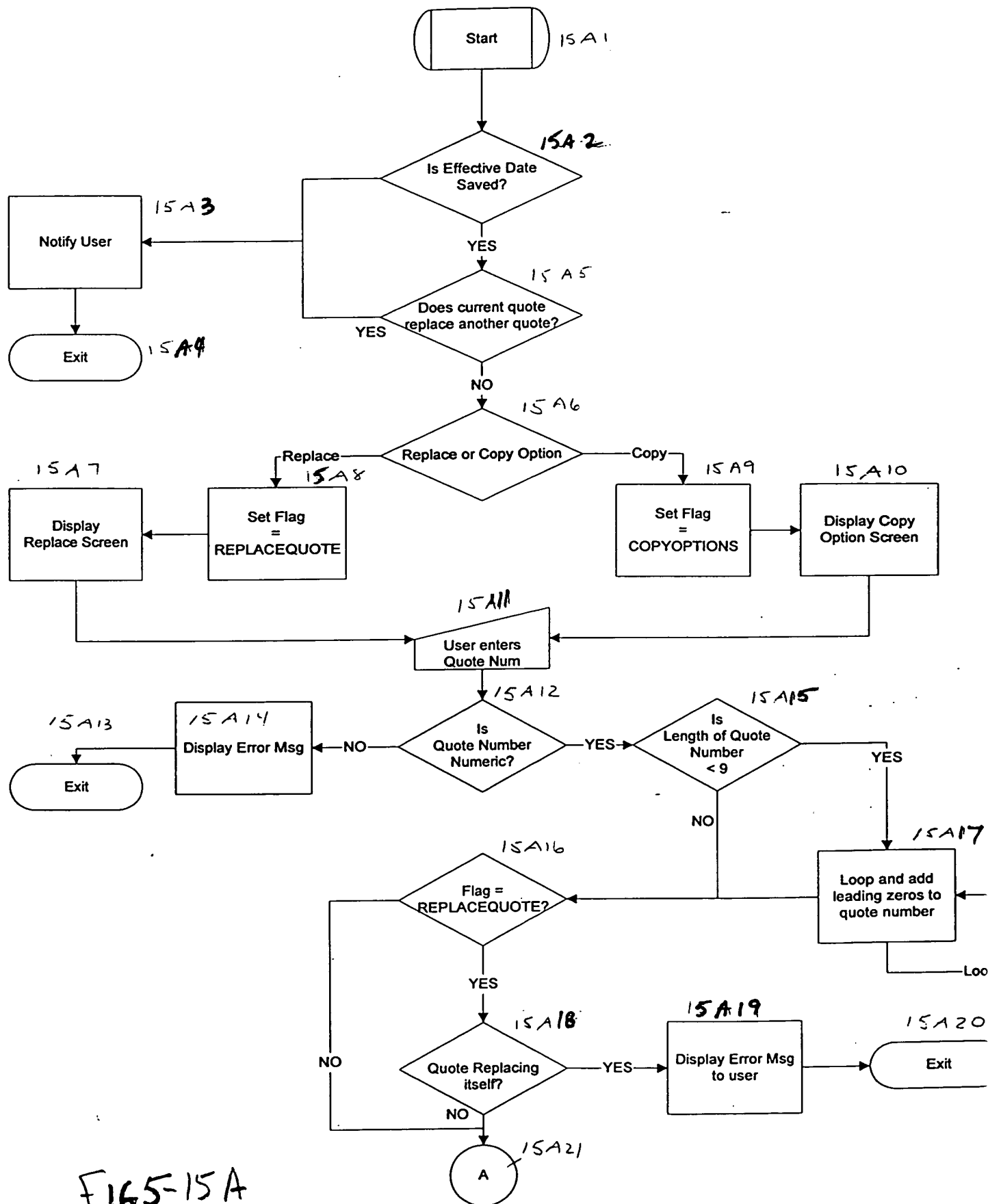


FIG 5-15A

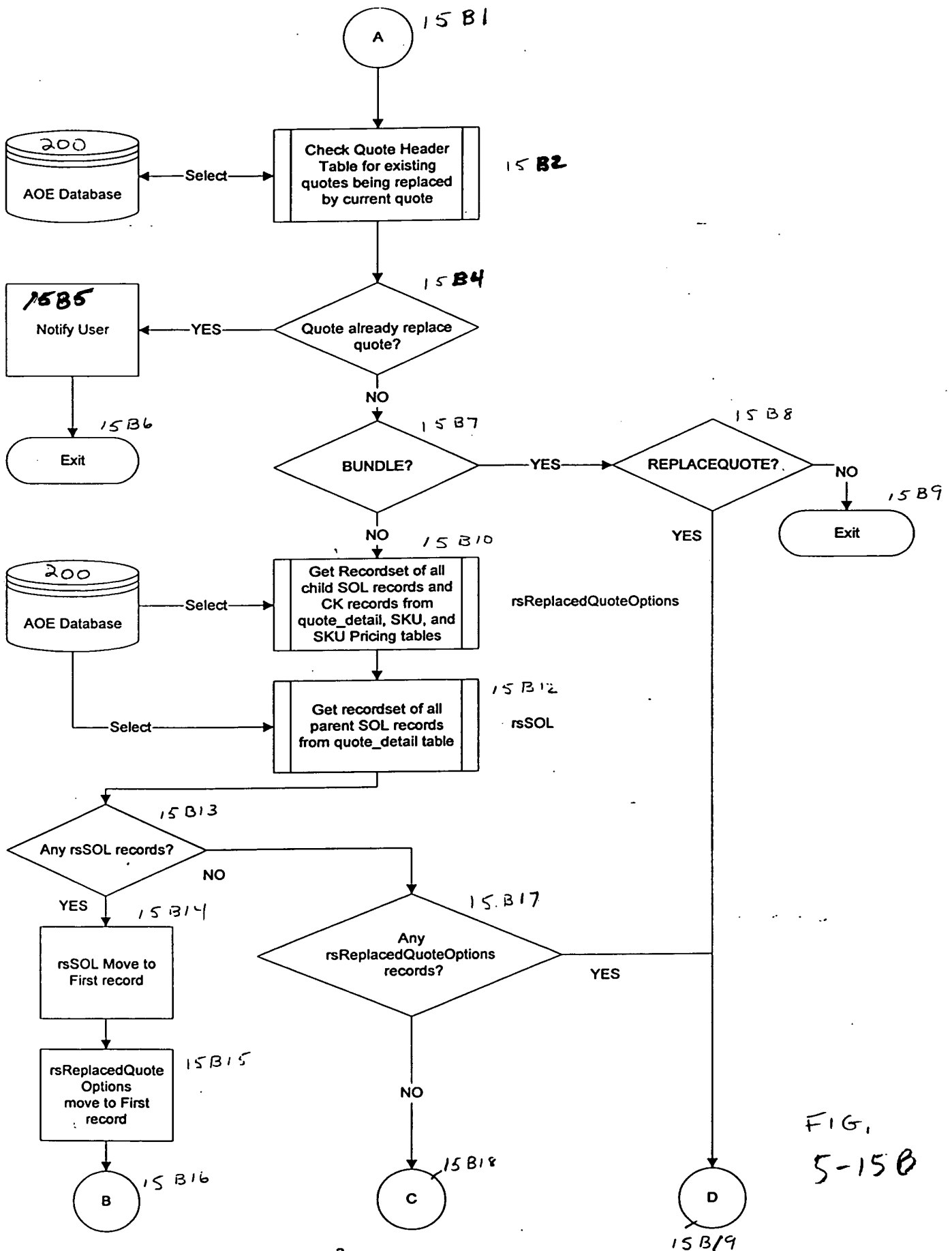


FIG. 5-150

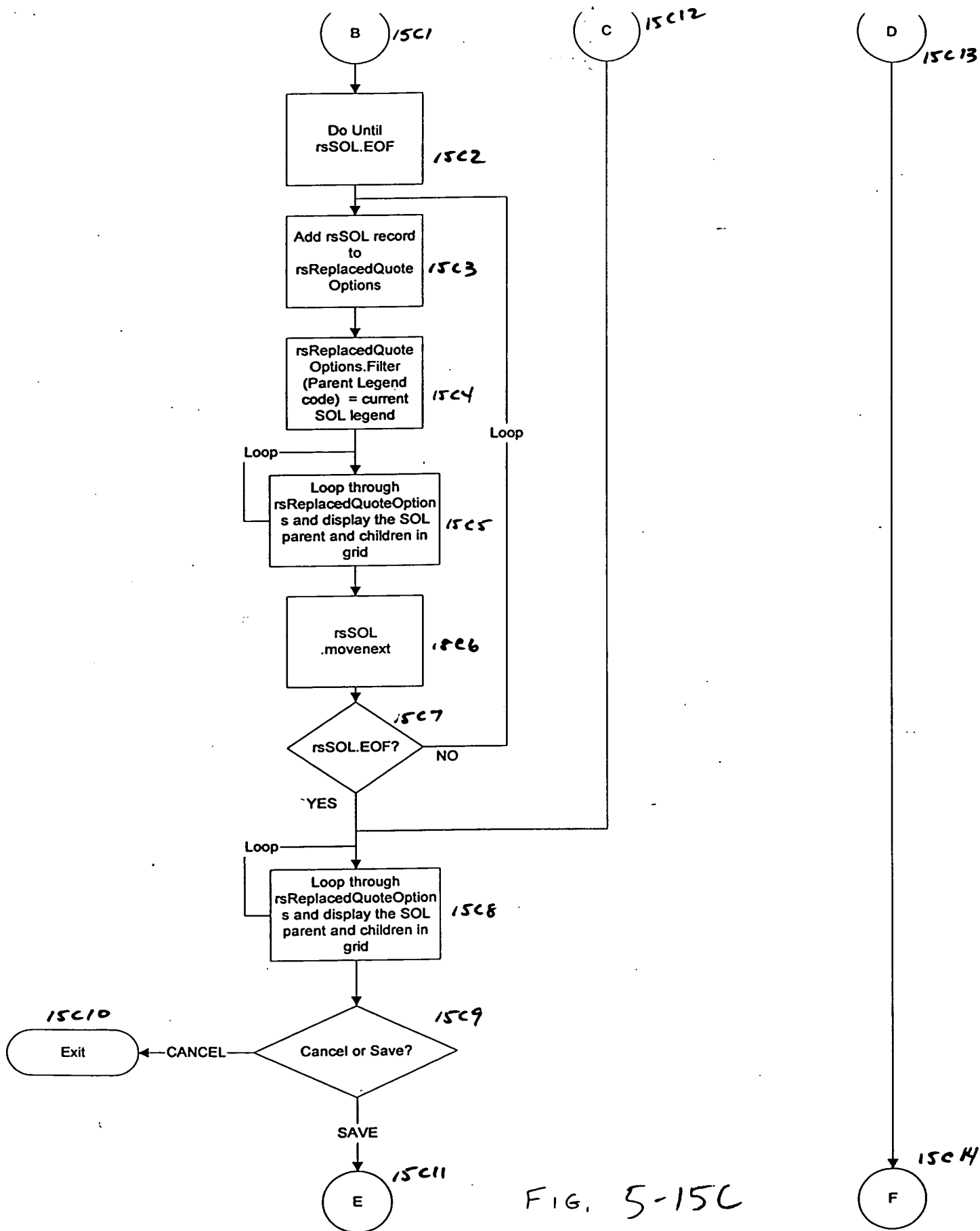
[illegible]

FIG. 5-15C

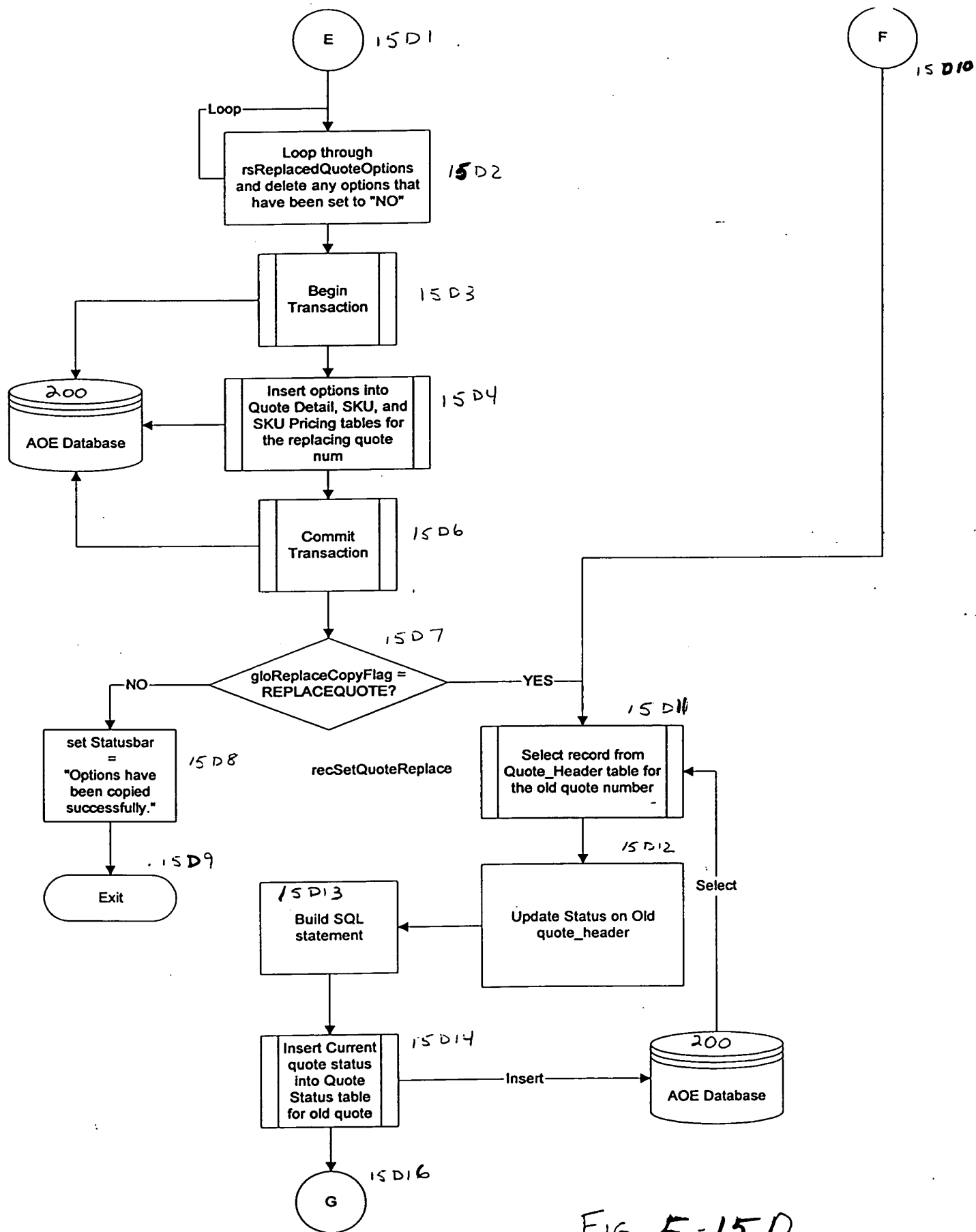


FIG. 5-15D

00503412 061300

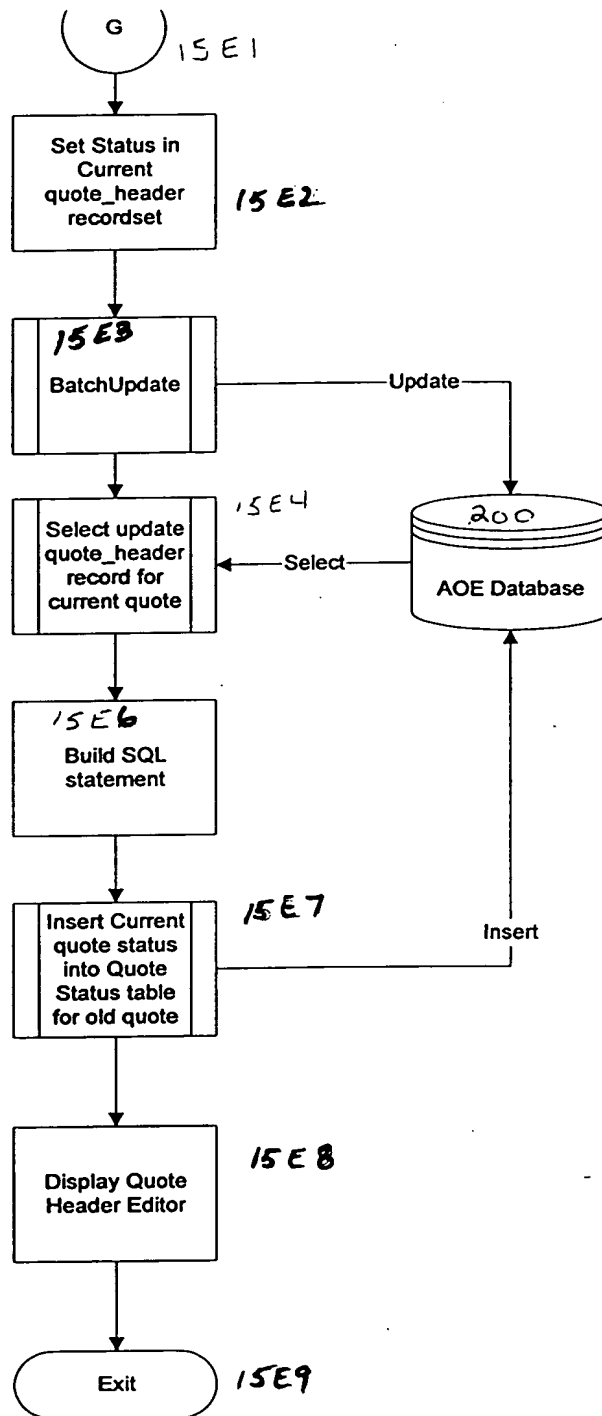


FIG. 5-15E

0054343-06400
0061300-126500

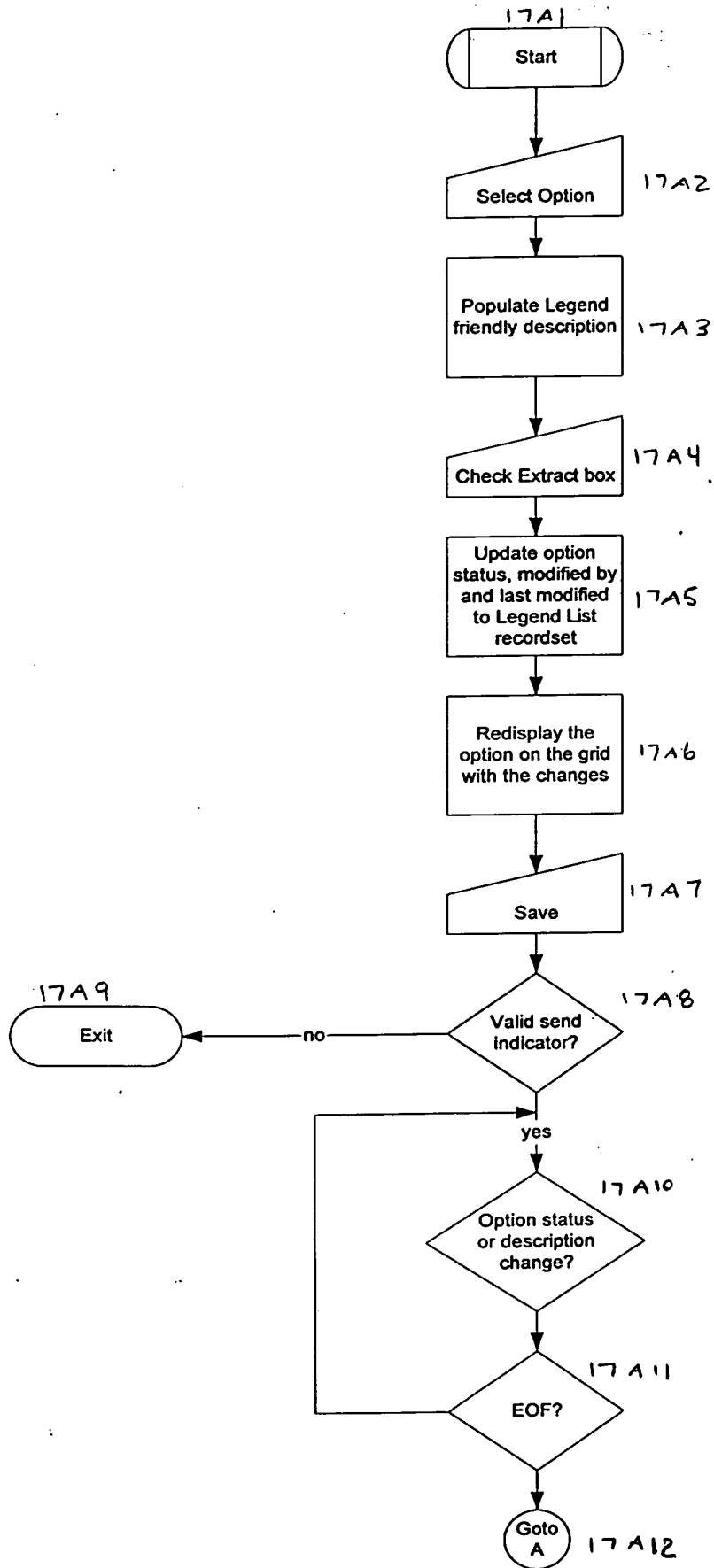


FIG 5-17A

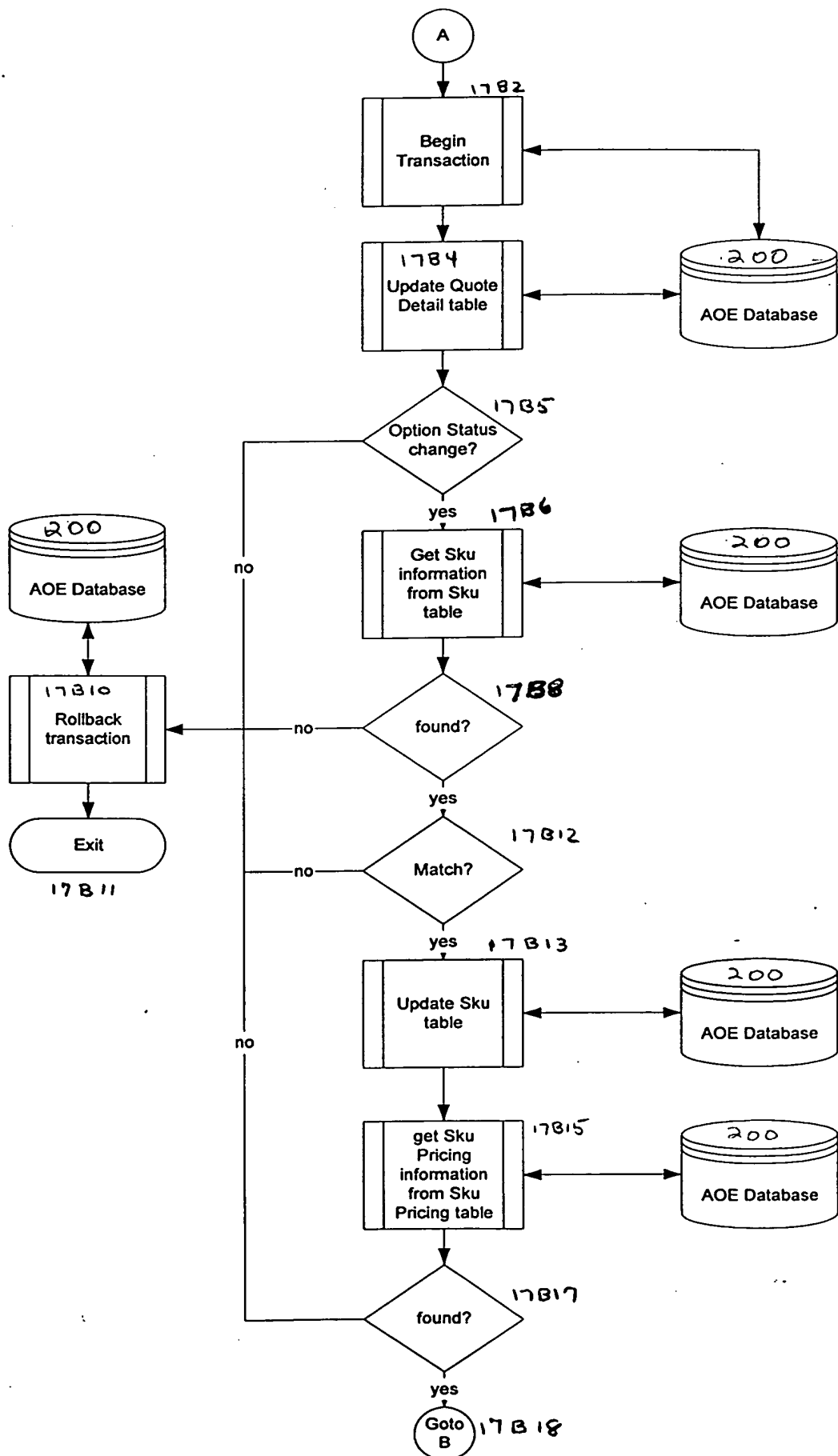
[illegible]

FIG. 5-17B

```

graph TD
    B((B)) -- 17c1 --> D1{Option Status = Yes?}
    D1 -- no -- 17c3 --> P1[Delete data from sku pricing table]
    P1 --> DB1[(200 AOE Database)]
    D1 -- yes -- 17c5 --> P2[get Sku information from Sku table]
    P2 <--> DB2[(200 AOE Database)]
    P2 --> D2{Matched?}
    D2 -- no -- 17c8 --> P3[Rollback transaction]
    P3 --> DB3[(200 AOE Database)]
    DB3 -- 17c10 --> E1([Exit])
    D2 -- yes -- 17c11 --> P4[Insert to sku pricing table]
    P4 --> DB4[(200 AOE Database)]
    P4 --> P5[17c13 Commit Transaction]
    P5 --> DB5[(200 AOE Database)]
    DB5 -- 17c15 --> E2([Exit])
    DB1 --> E2
  
```

FIG 5-17C

0000012-001300

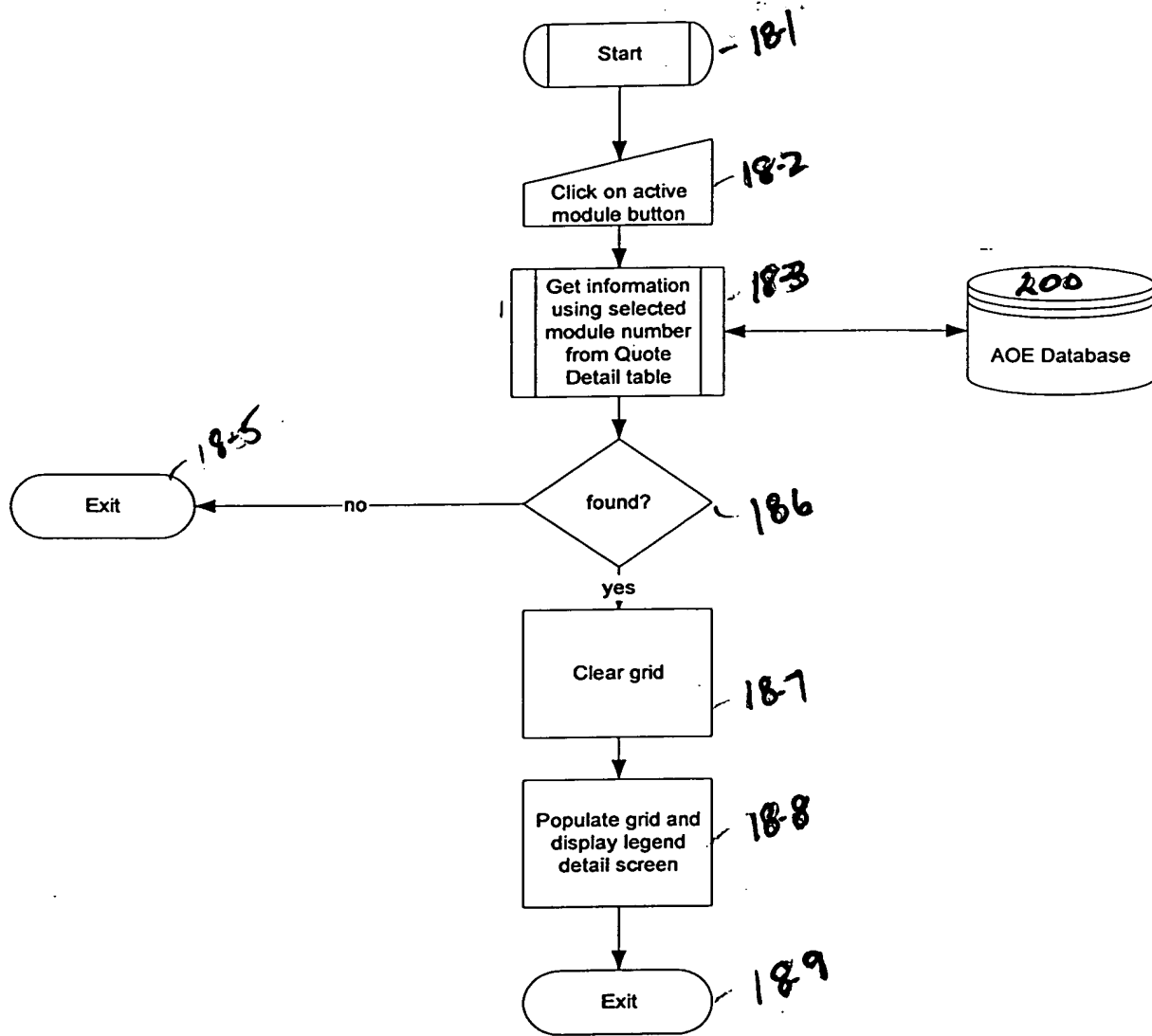
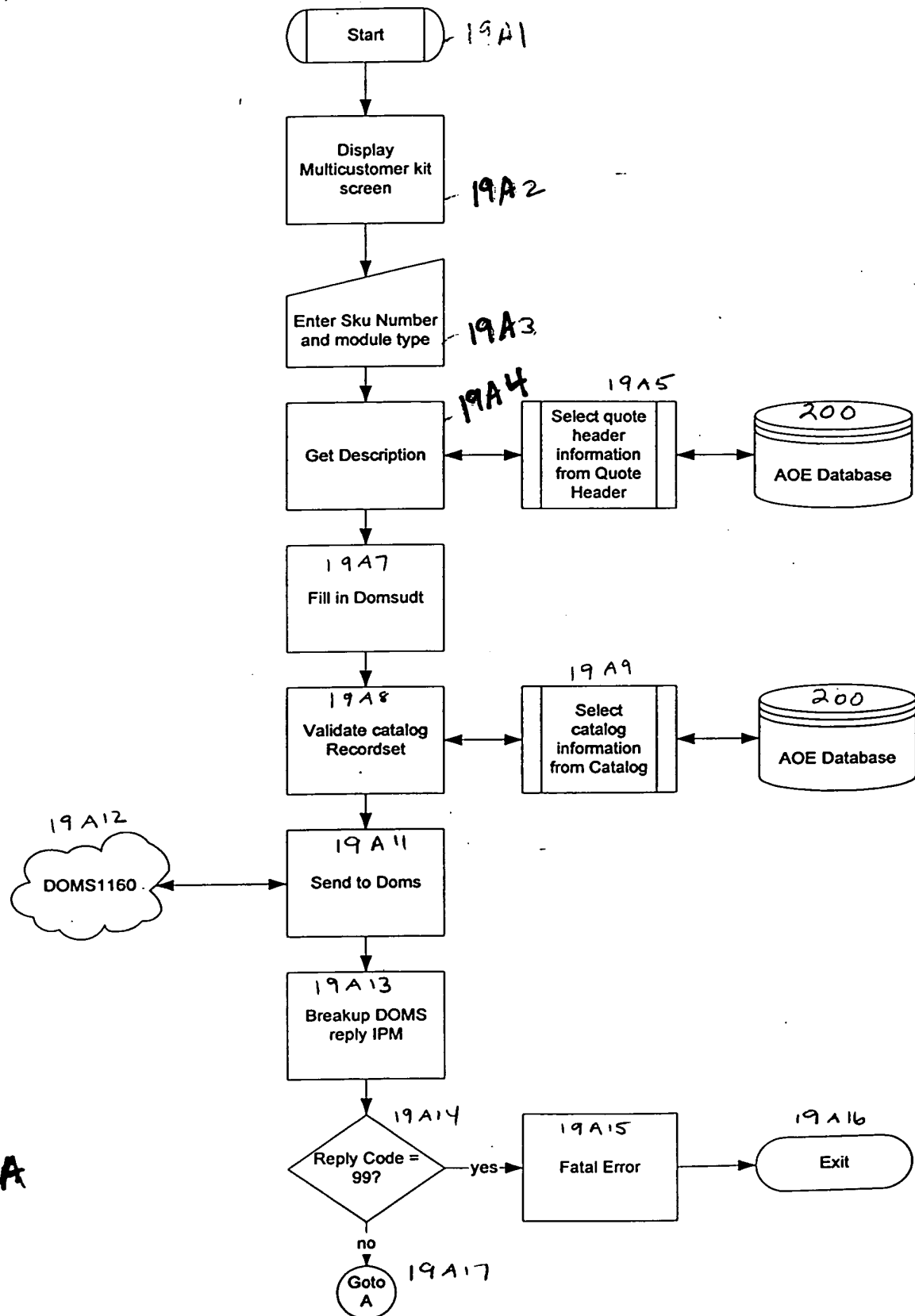


FIG 5-18

FIG 5-19A



0059312.061370

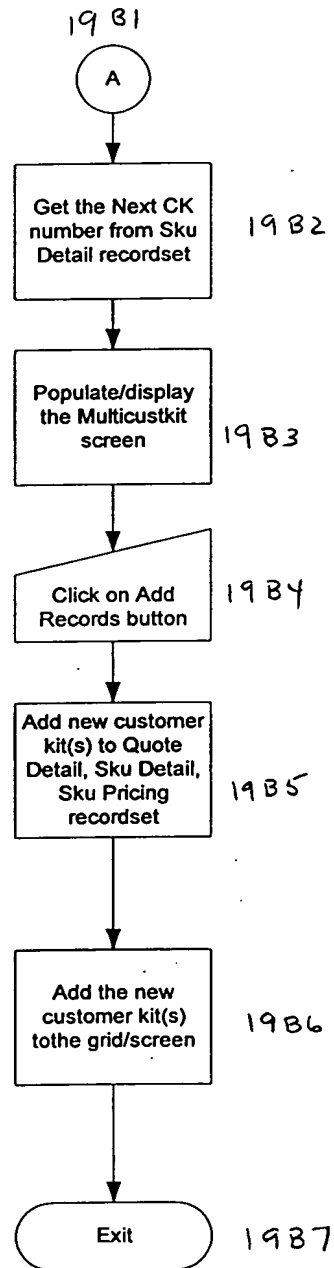
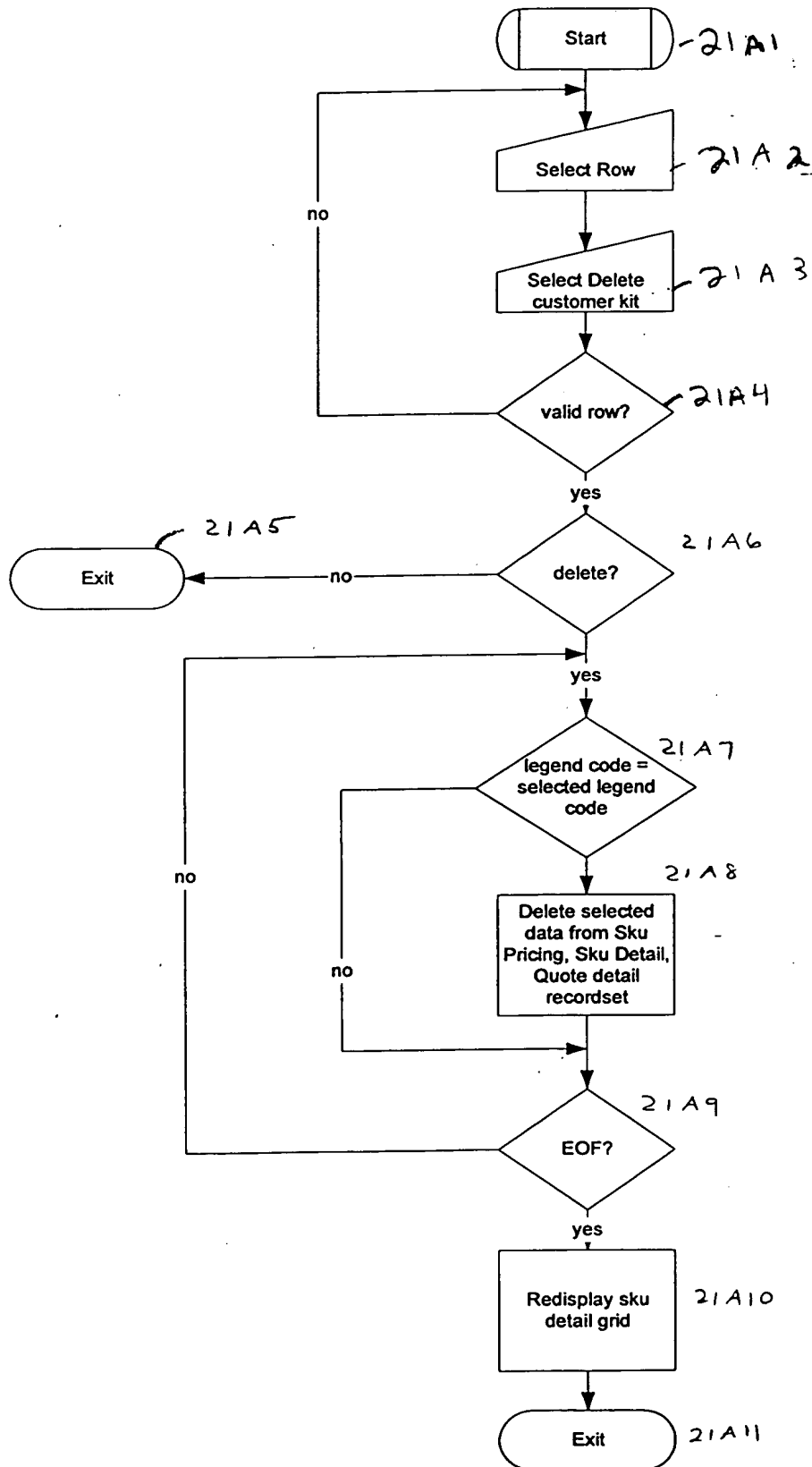


FIG 5-19B

FIG 5-21



005031.2.05.4300

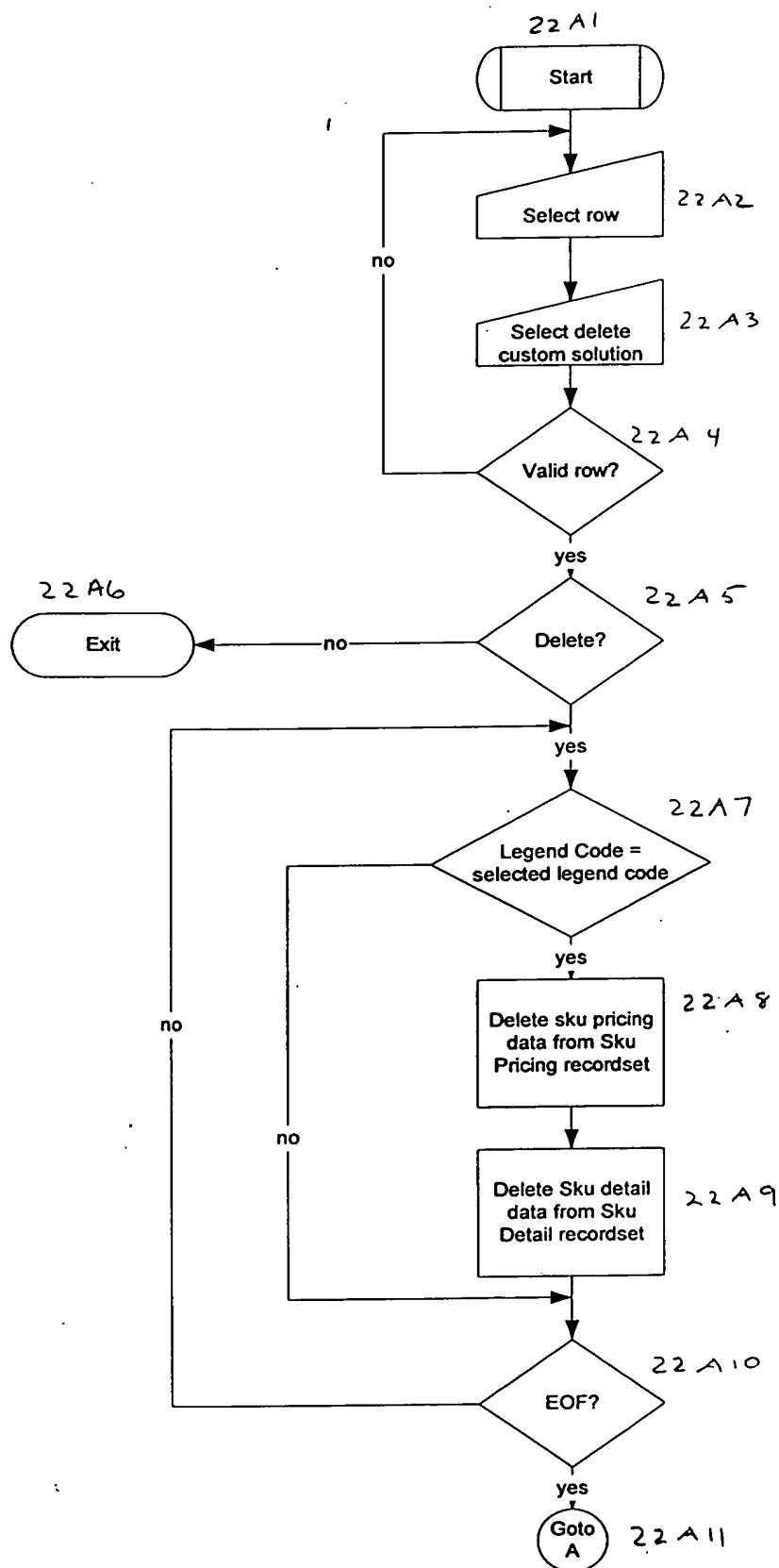
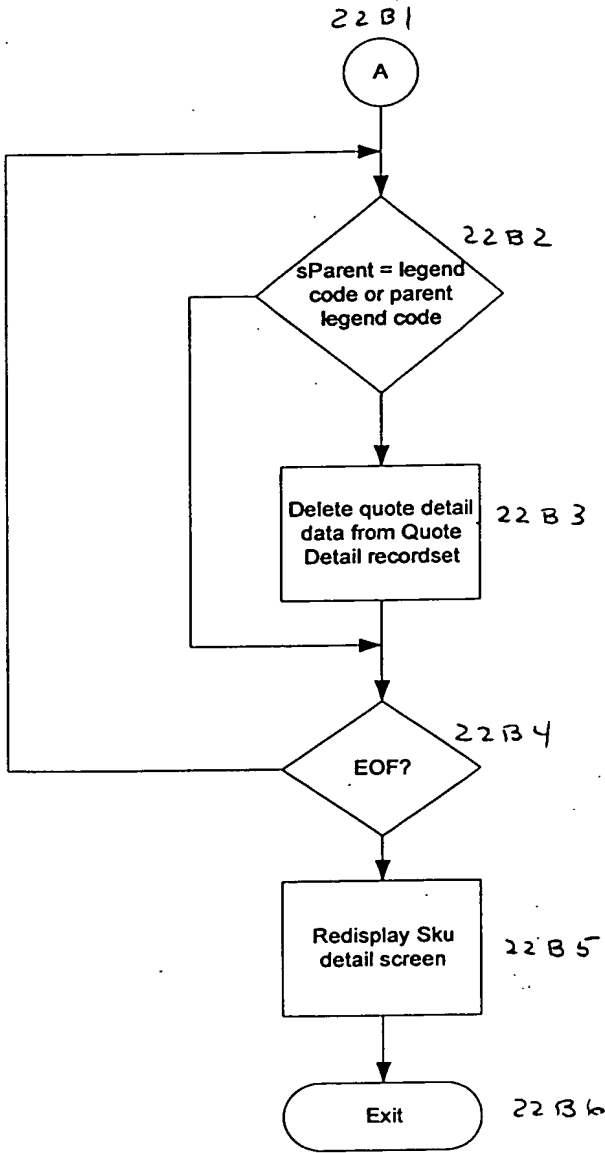


FIG 5-22B



Extracting data
from disparate
platform
600-1



Building upon
the data in a
different
platform
following the
rules
600-2



**Adding rules to
the rules of the
disparate
platform in a
new platform
600-3**



**Using the new
rules to
manipulate the
data in a new
platform
600-4**

Fig. 6

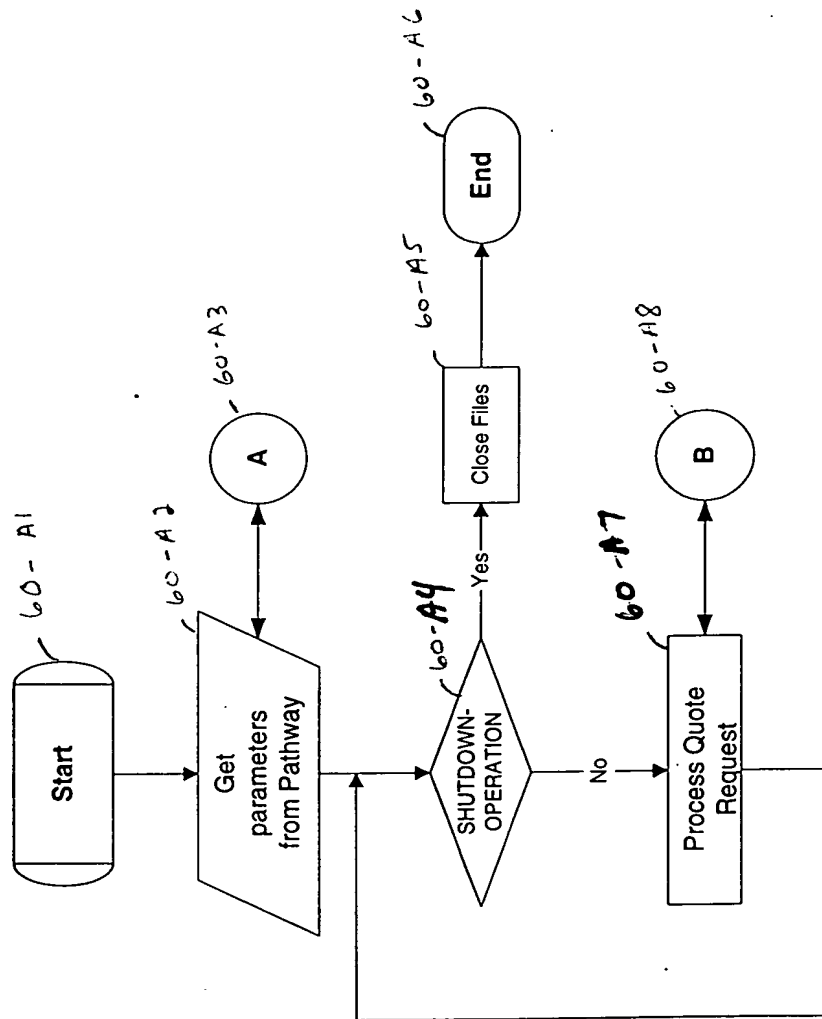


FIG 6A

60-81

A

Get the parameters
PATHSEND-TIMEOUT-SEC,
PATHSEND-PATHMON,
PARAM-IO-WAIT-TIME from
DOMS1160 pathway
configuration

60-82

60-83

CONTINUE-
OPERATION

60-84

Exit

Yes

Set NEXT-MESSAGE-OPERATION to TRUE
Set CONTINUE-OPERATION to TRUE

60-85

Open files IPM-MESSAGE-IN, QUOTE-HEADER-FILE,
ADDRESS-FILE, CUSTOMER-FILE, SYSTEM-INT-
ORDER-FILE, SHIPPING-CHG-FILE, QUOTE-DETAIL-
FILE, QUOGRP-FILE, ITEM-MASTER-FILE, ITEM-DESC-
FILE, SALES-REP-FILE, STEPTEC-FILE, TAXSTAPD,
ERROR-DATA-FILE, IPM-MESSAGE-OUT

60-86

60-87

Get AVP-STATE-CODE and AVP-STATE-ABBREV
from file TAXSTAPD and put into array WS-STATE-
CODE and WS-STATE-ABBREV

60-88

CONTINUE-OPERATION

60-89

Set SHUTDOWN-
OPERATION to TRUE

FIG

6B

60-810

Yes

Exit

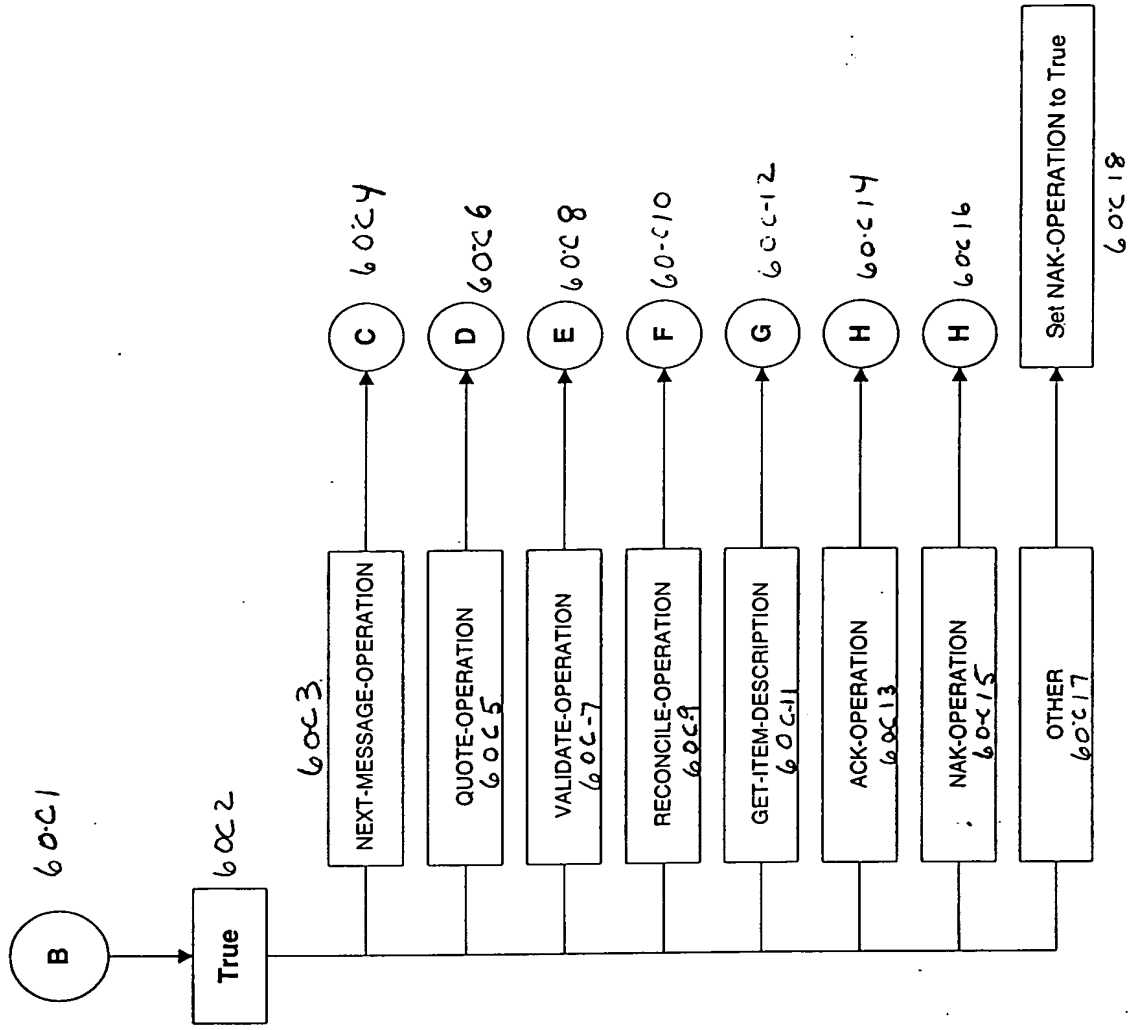
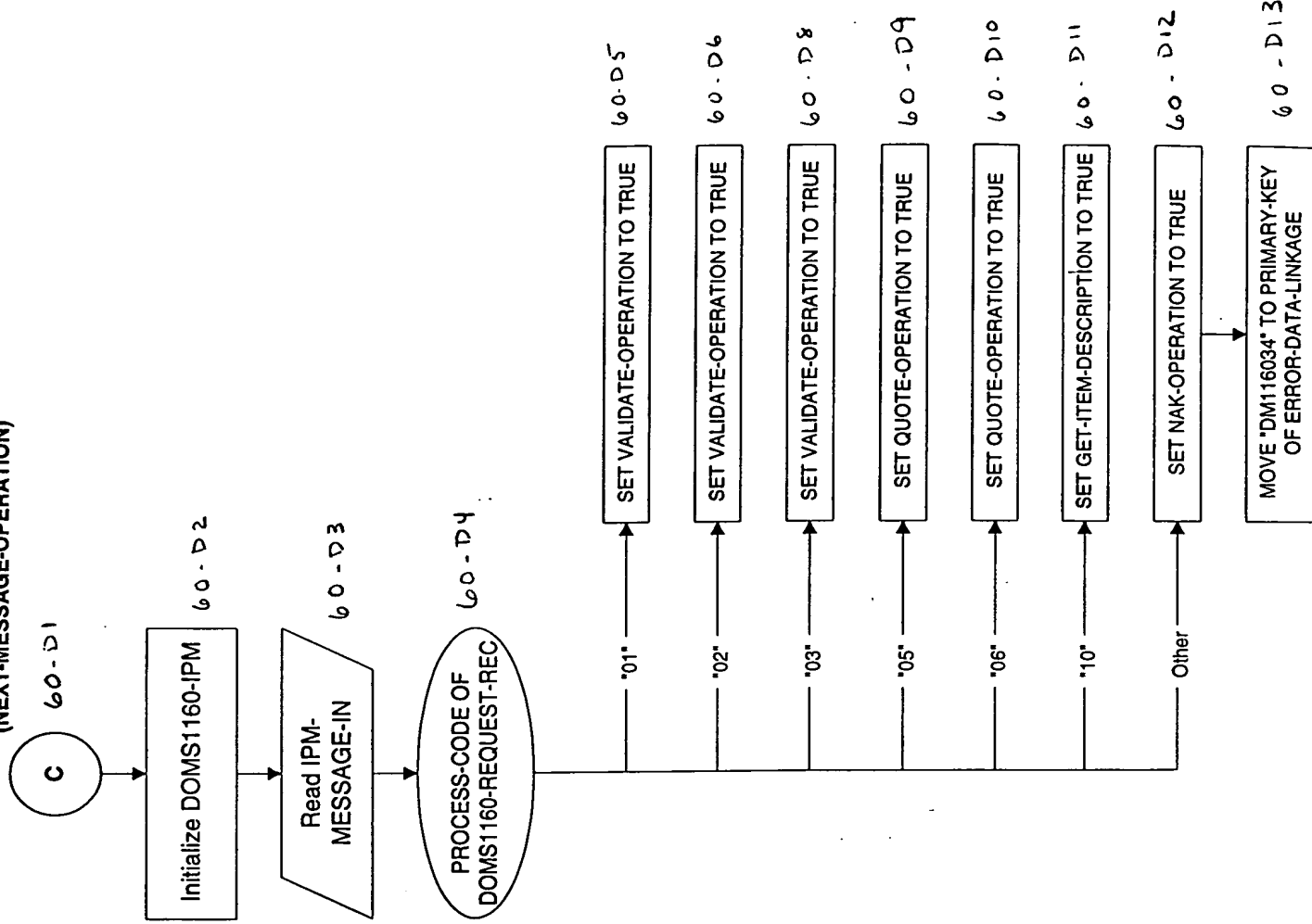


FIG 6c

DM1160 (NEXT-MESSAGE OPERATION)



Process code values are:

- * 01 = Retrieve a bundled quote (no options)
- * 02 = Retrieve a custom quote (all options are included)
- * 03 = Validate quote skus (only returns a changed/unchanged reply message, not any quote data)
- * 04 = Reserved for future use
- * 05 = Retrieve a bundled quote from the module # & detail seq. # indicated
- * 06 = Retrieve a custom quote from the module # & detail seq. # indicated
- * 10 = Get item description from item-master file.

60-D14

FIG. 6D

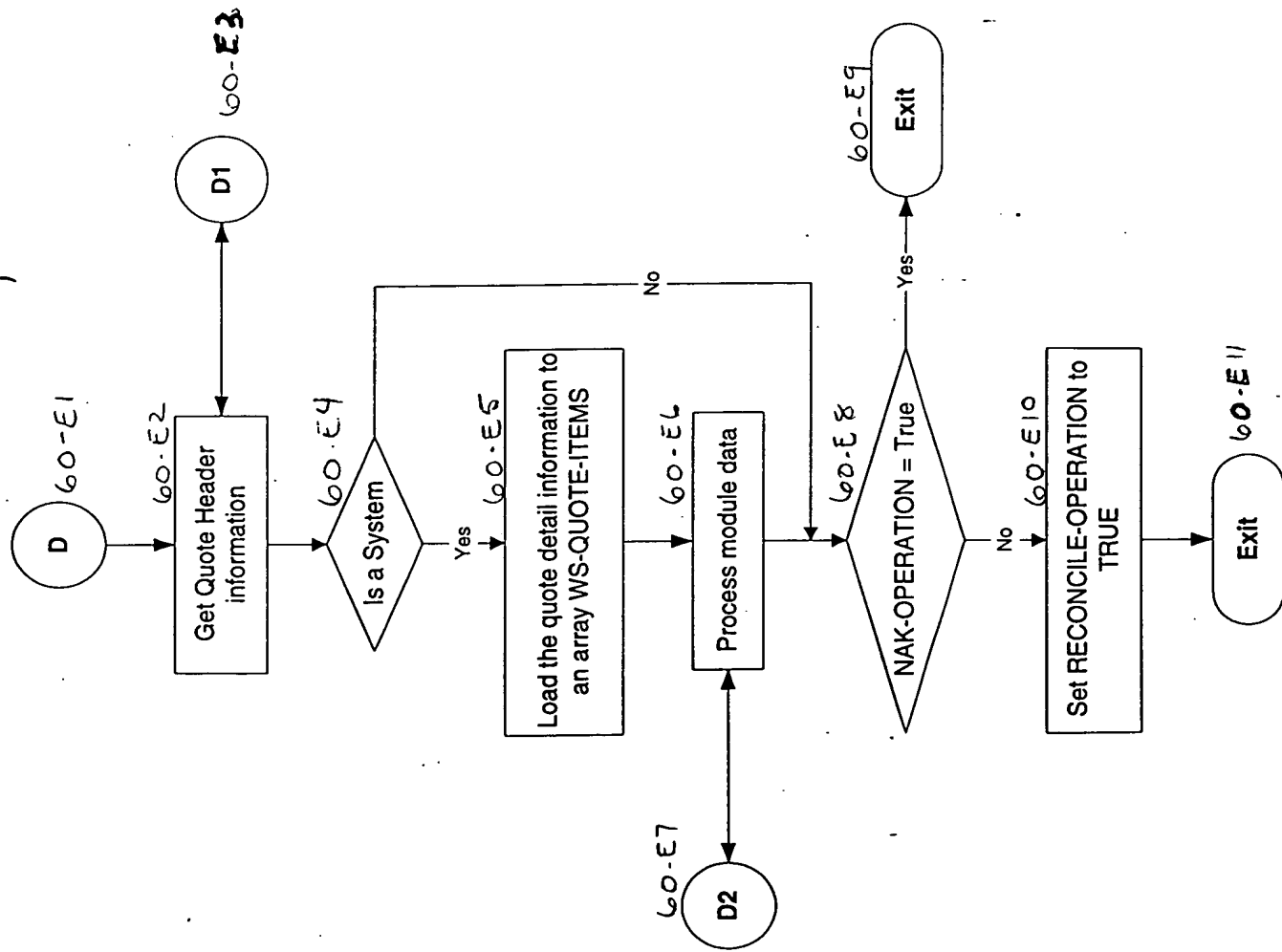
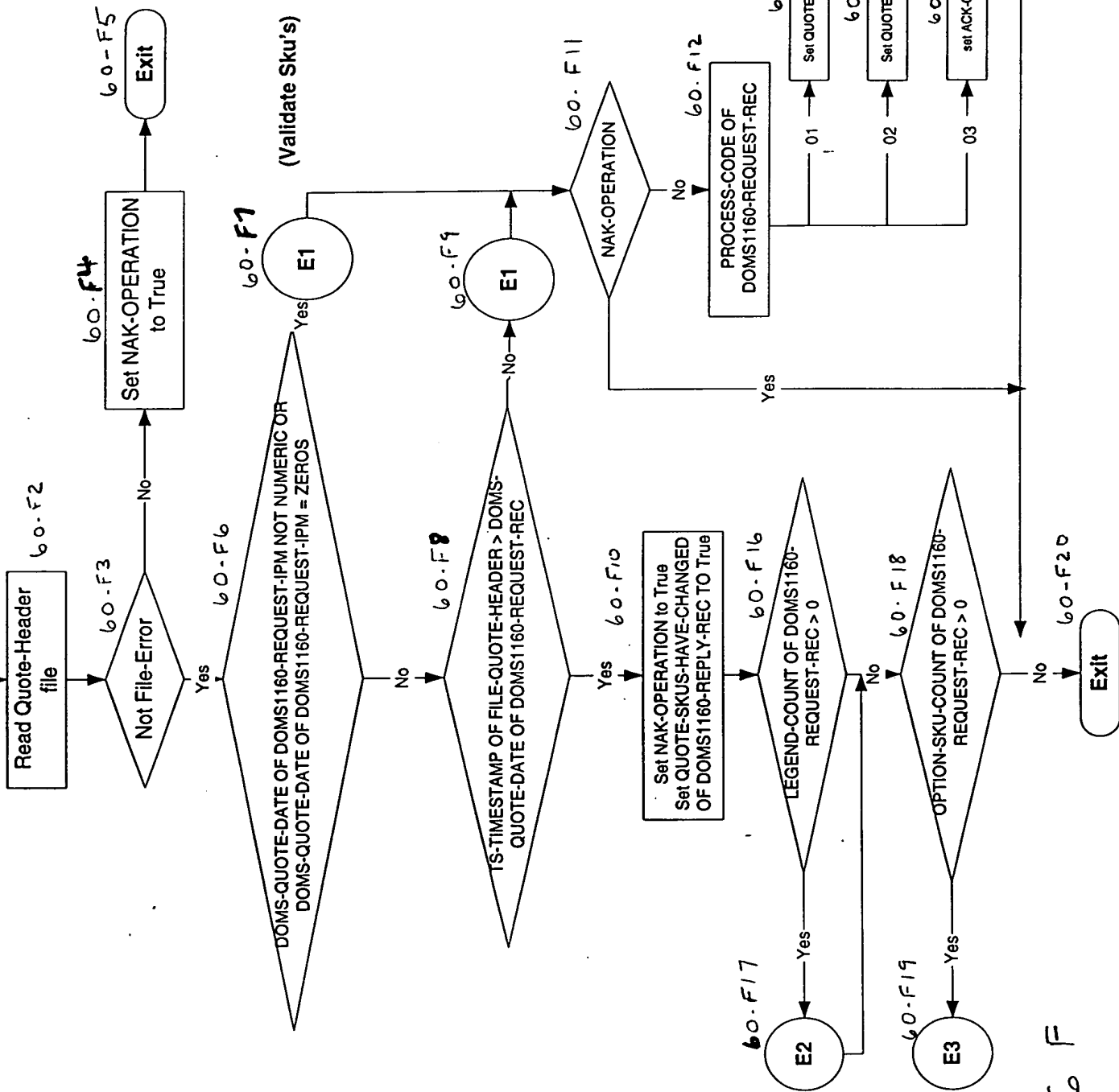


FIG 6E



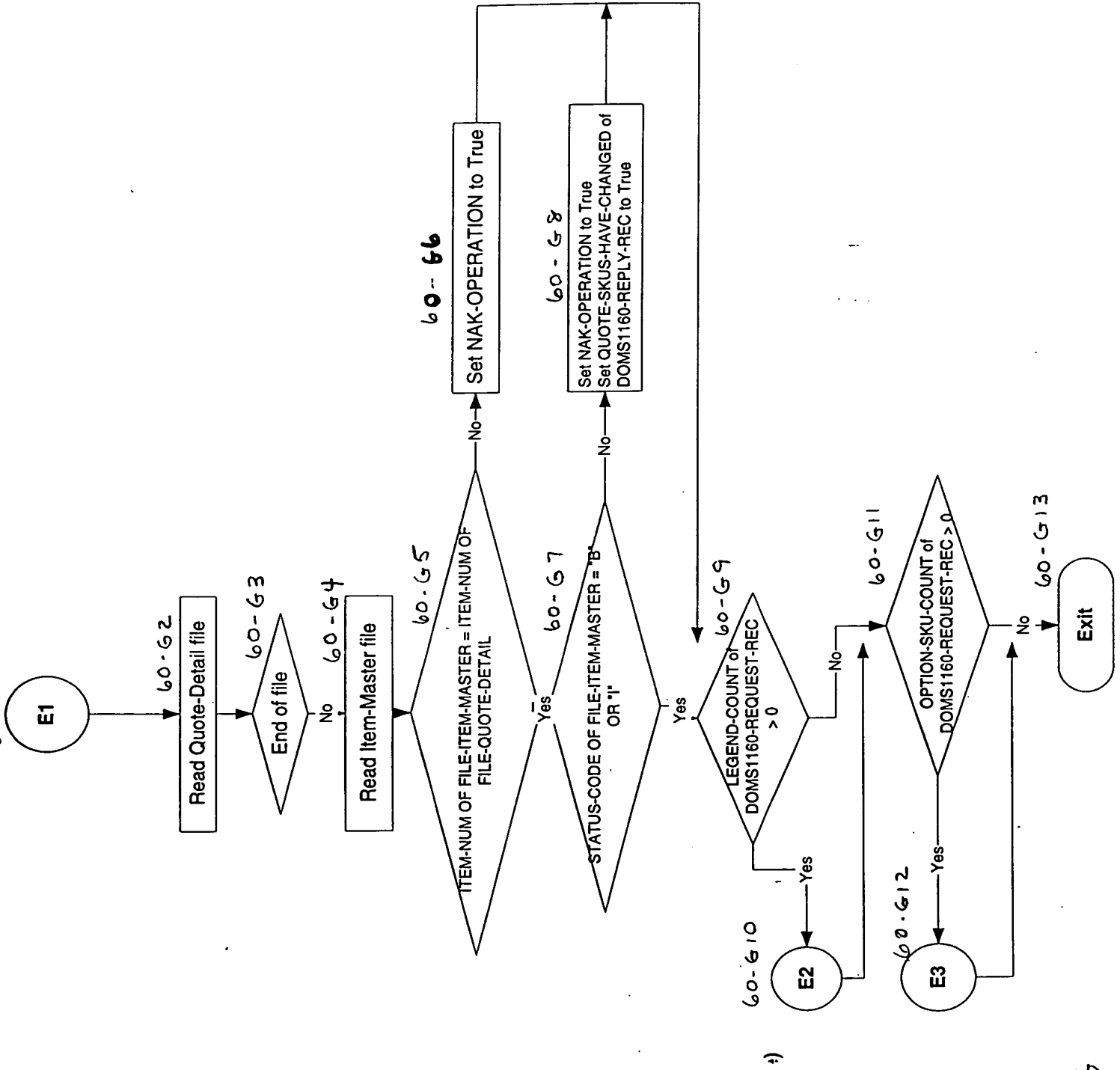


FIG-66

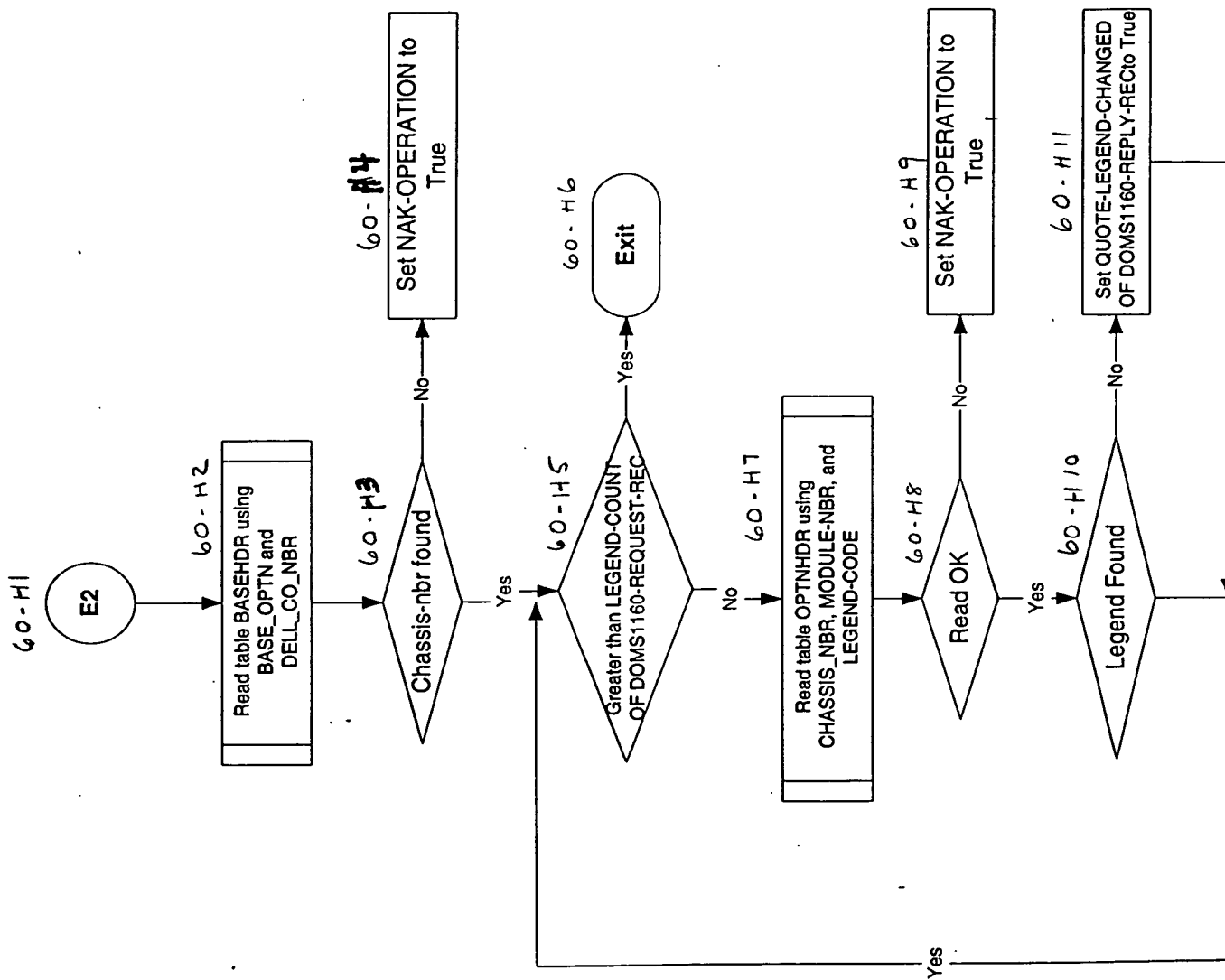


FIG. 6H

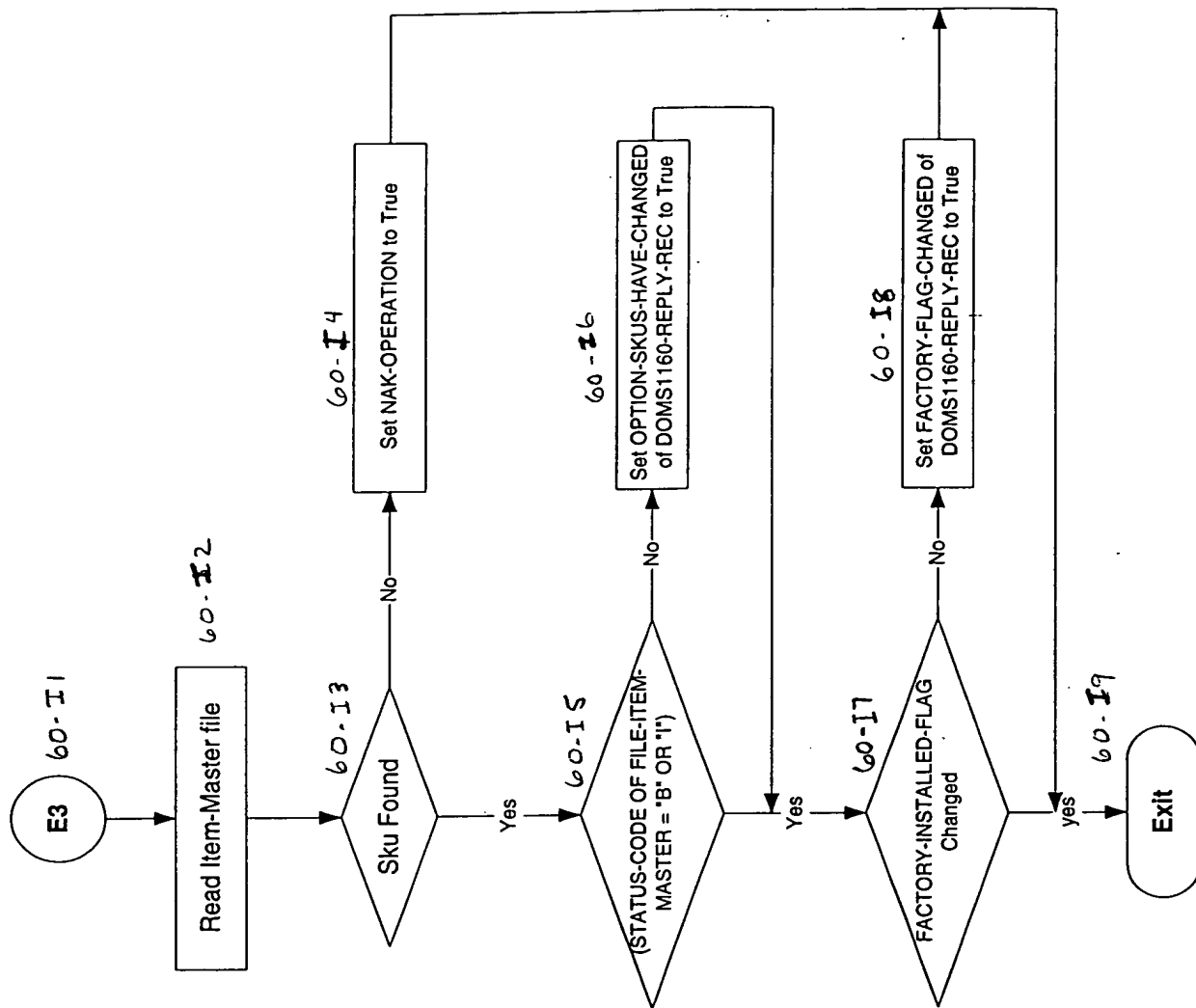


FIG 6I

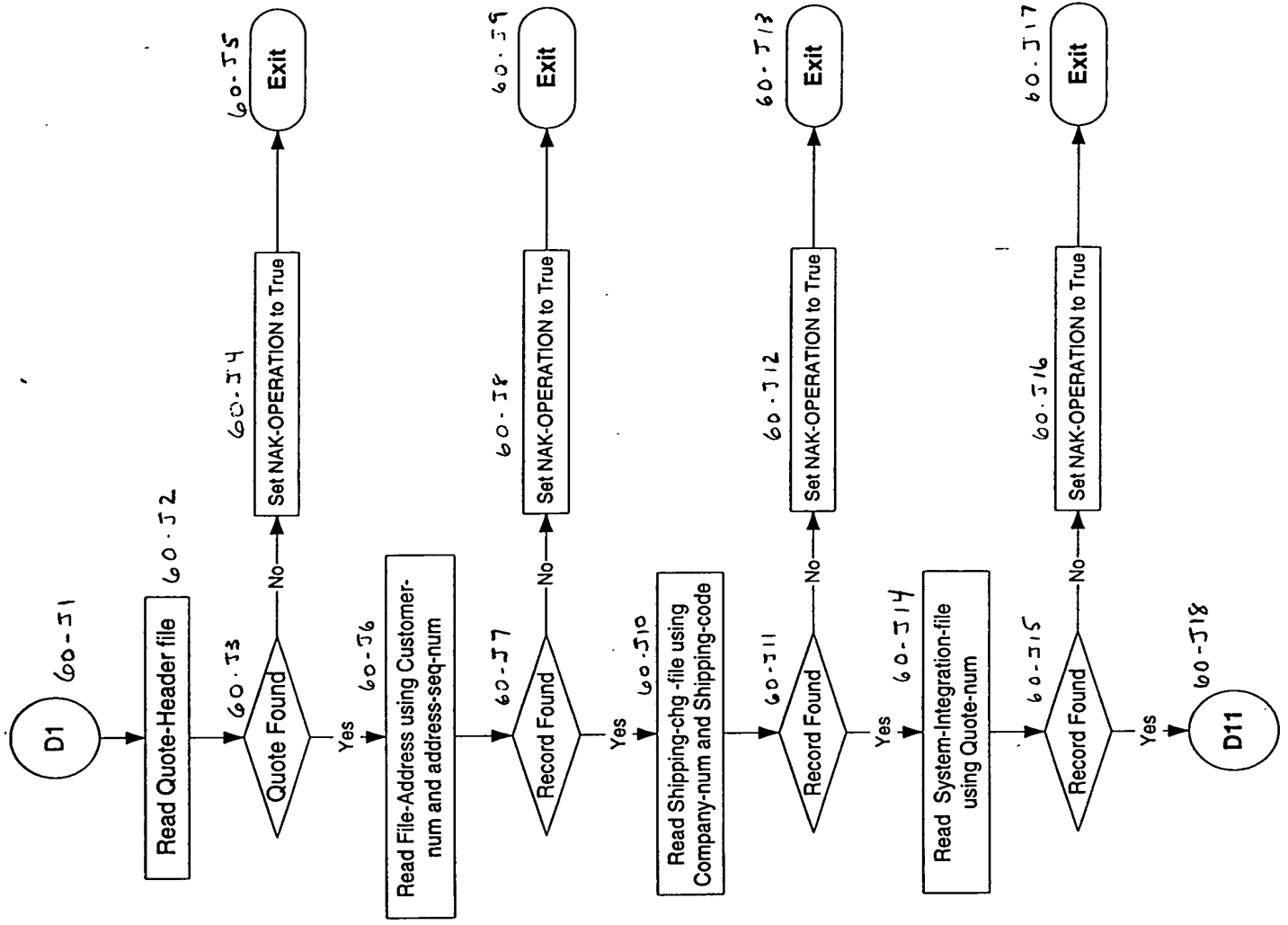


FIG 6J

60-K1

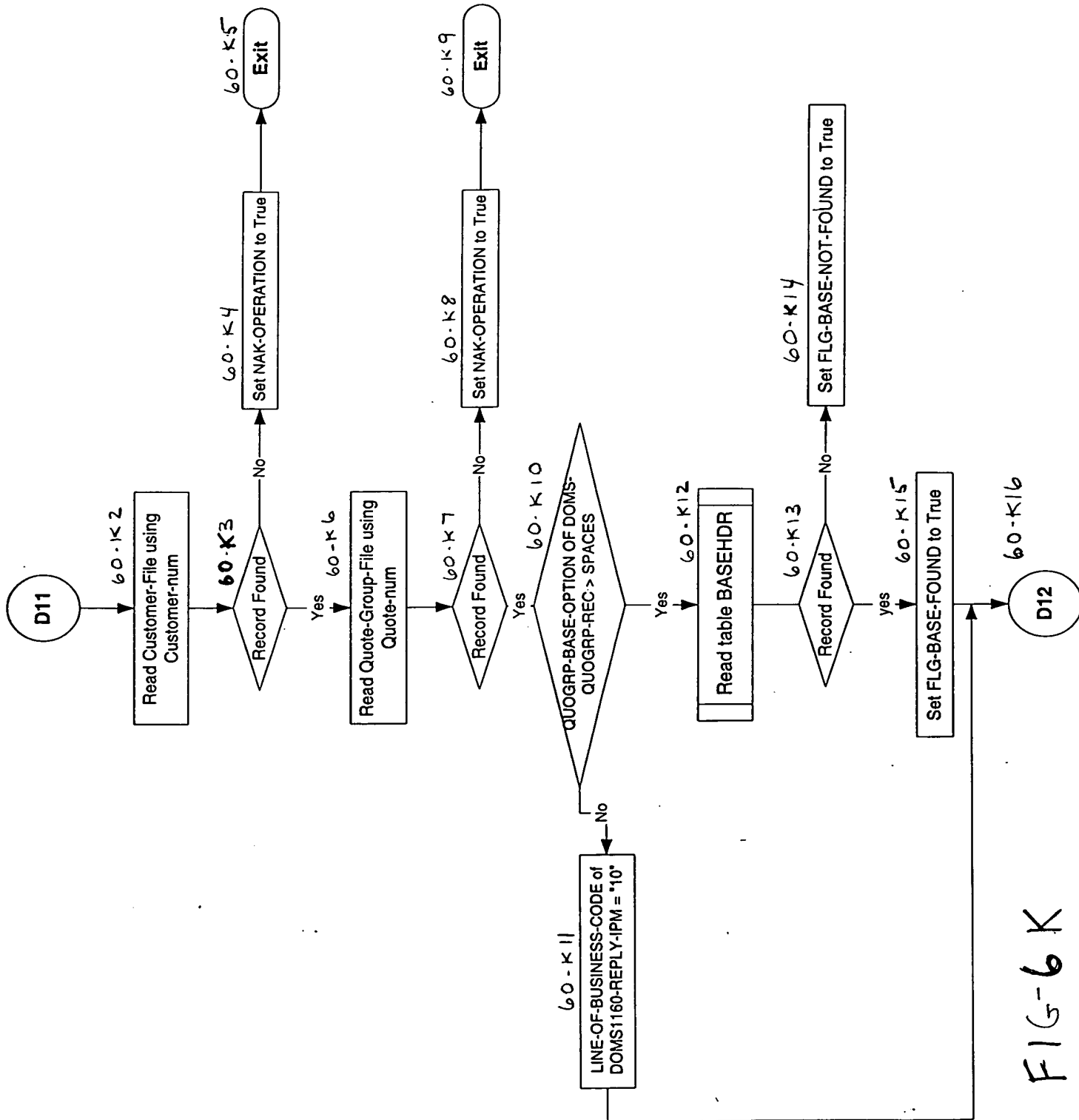


FIG-6K

60-11
60-12
60-13
60-14
60-15
60-16
60-17
60-18
60-19

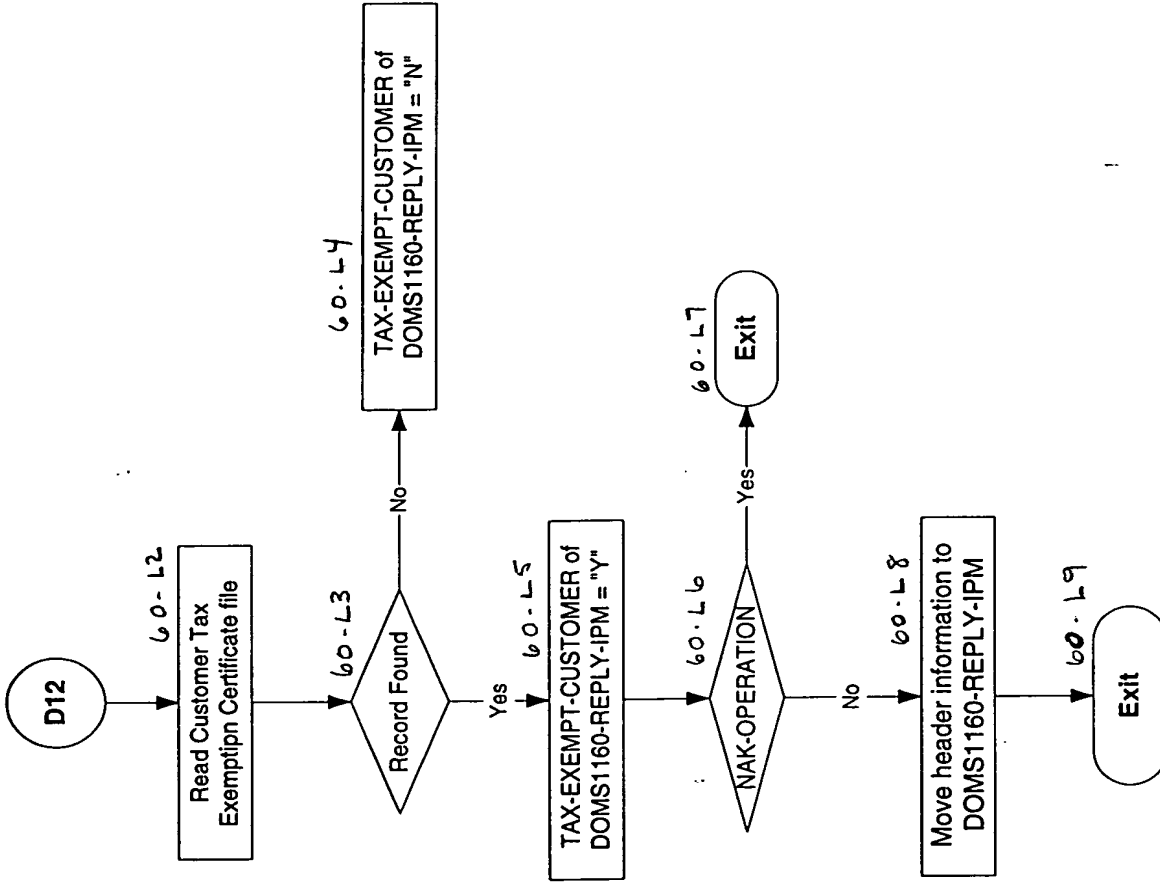


FIG-6L

60 M30 at 120500

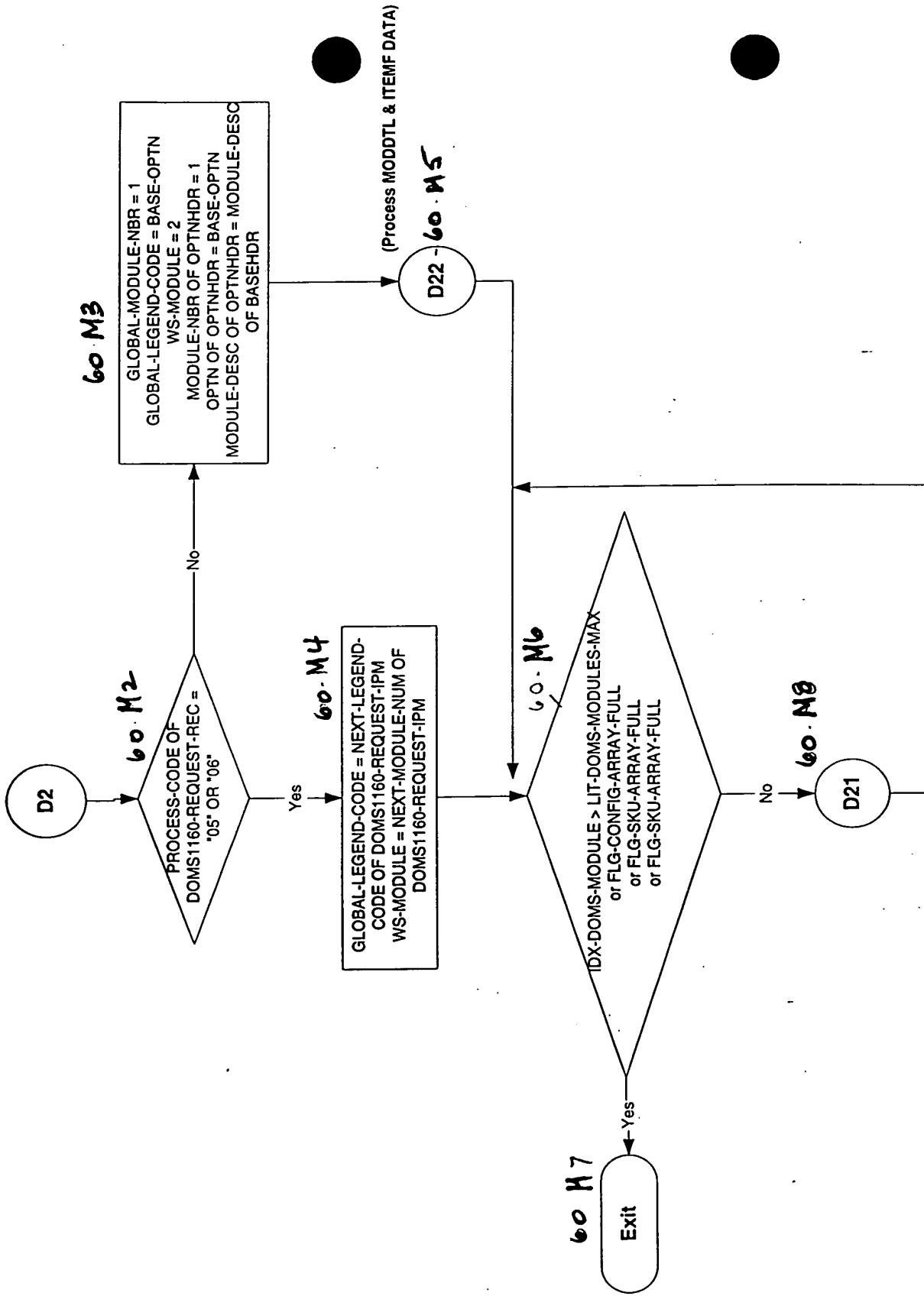
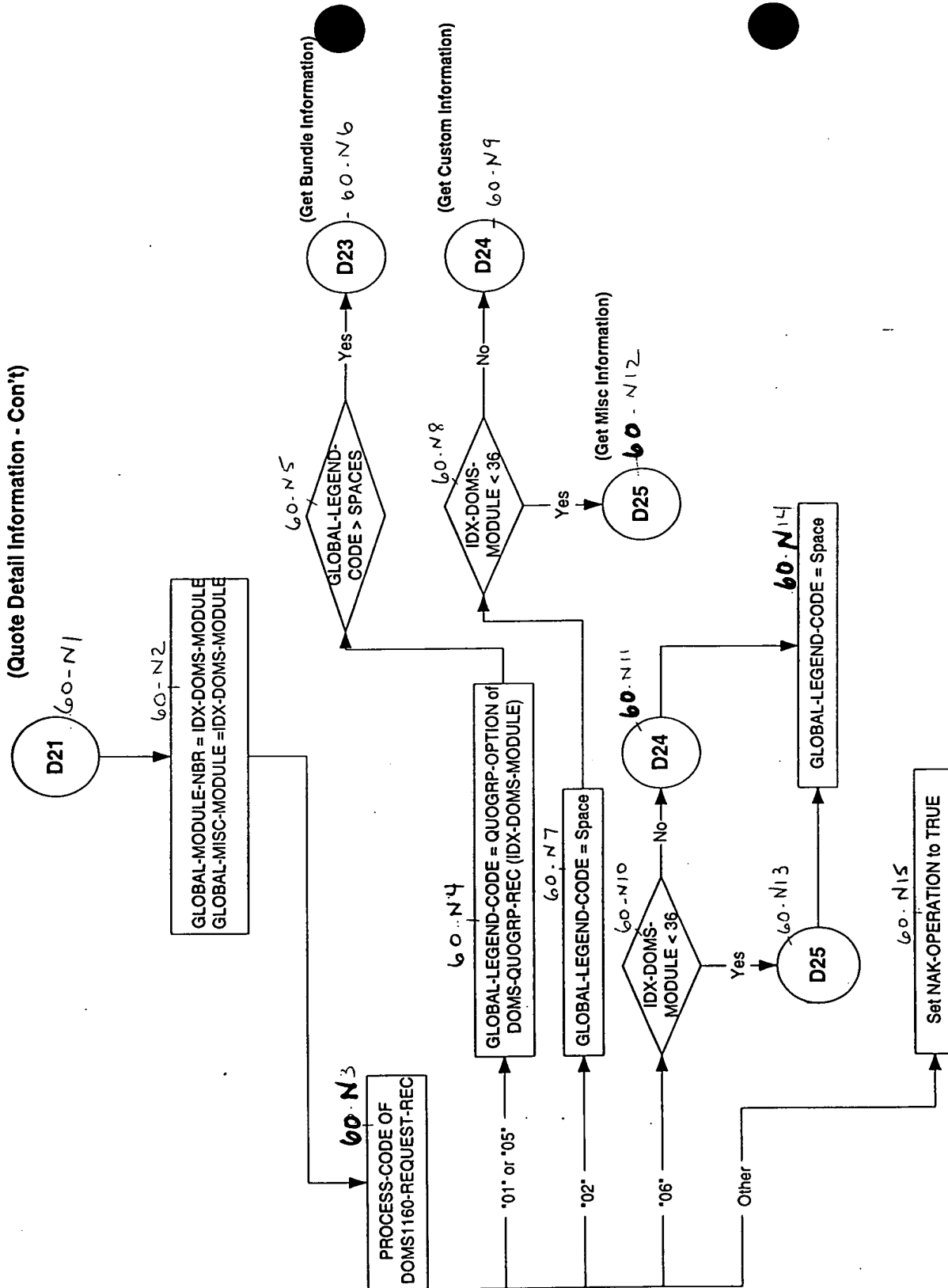


FIG. 6M

(Quote Detail Information - Con't)



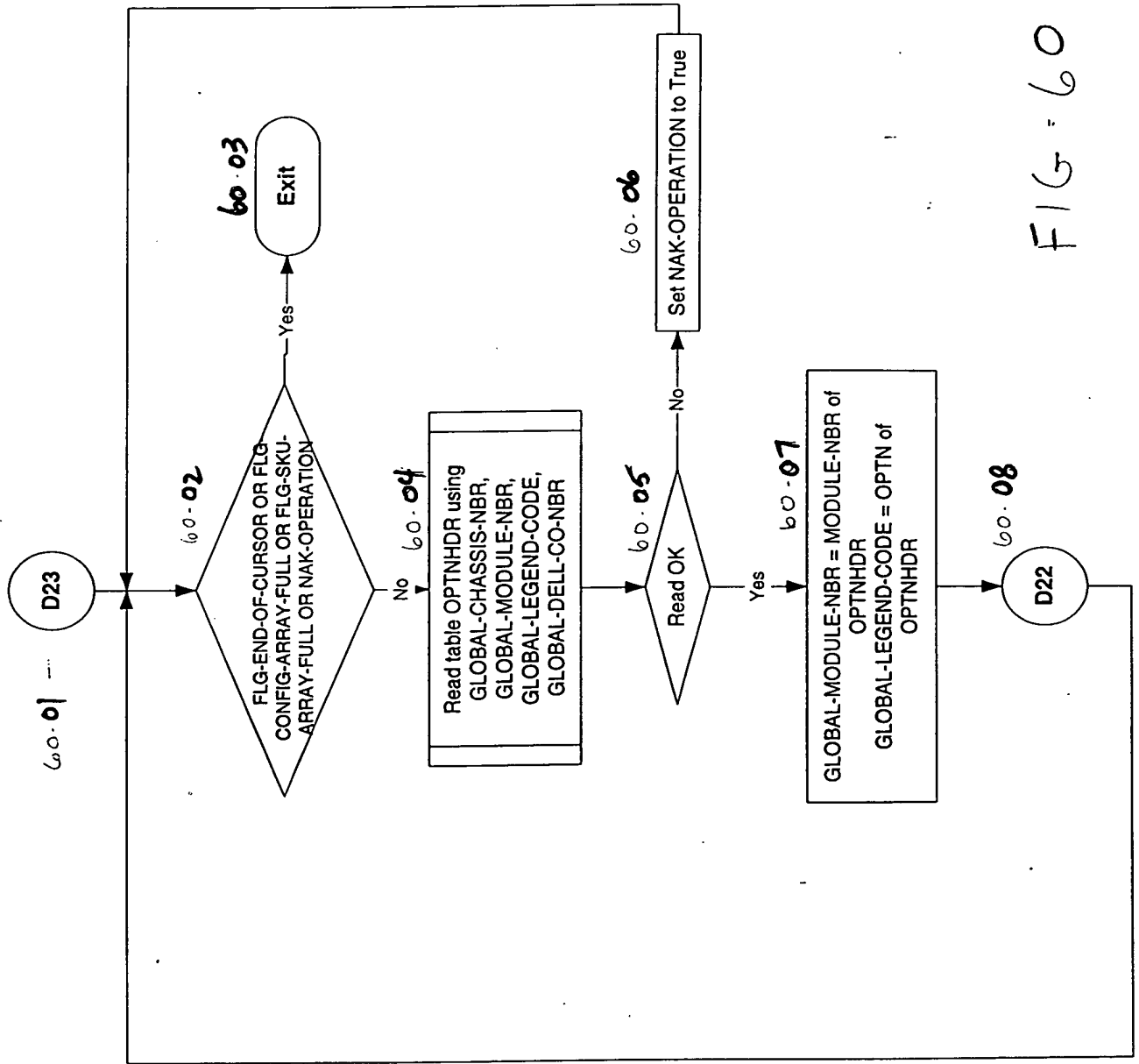


FIG. 60

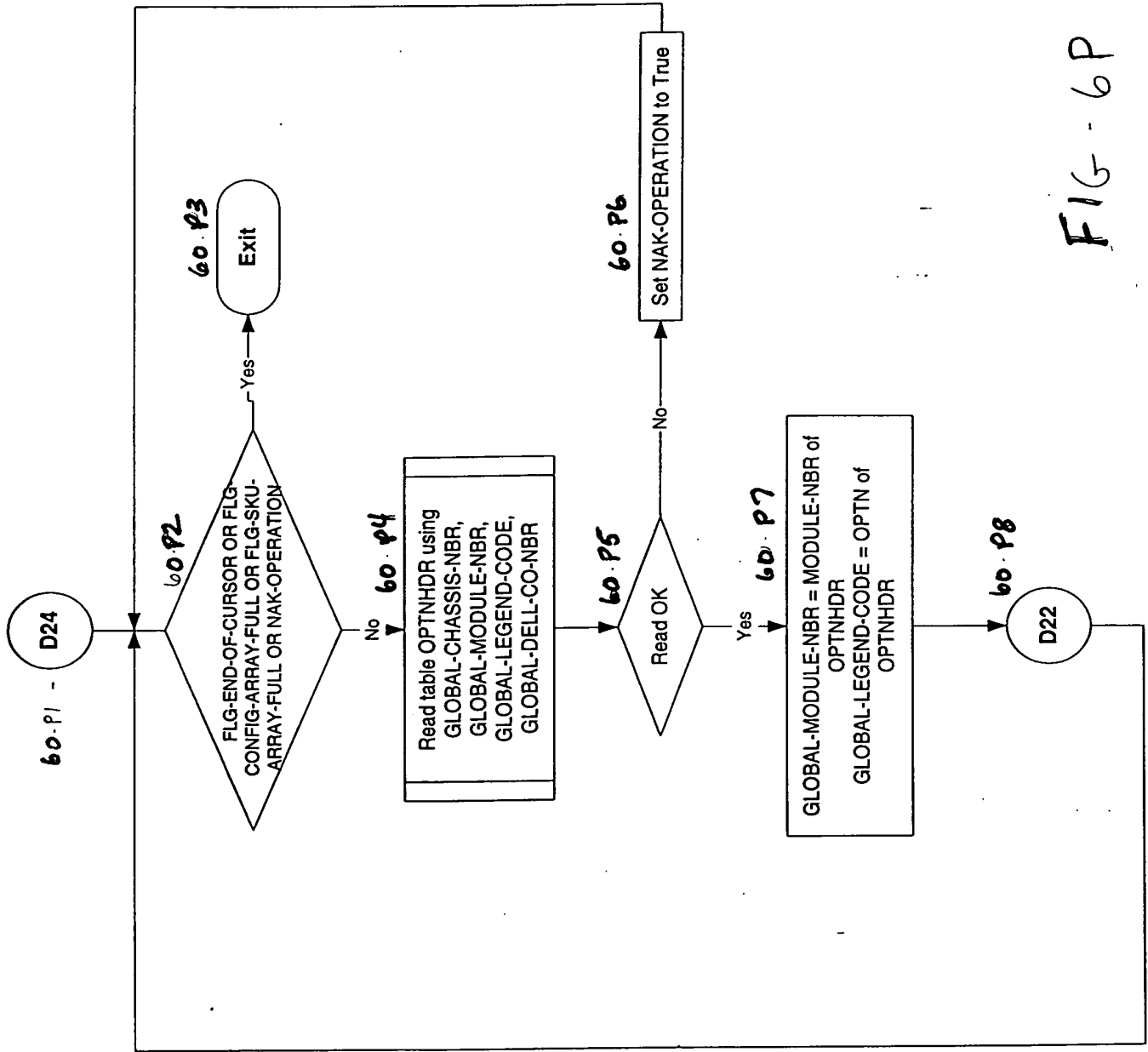


FIG-6P

60.Q1

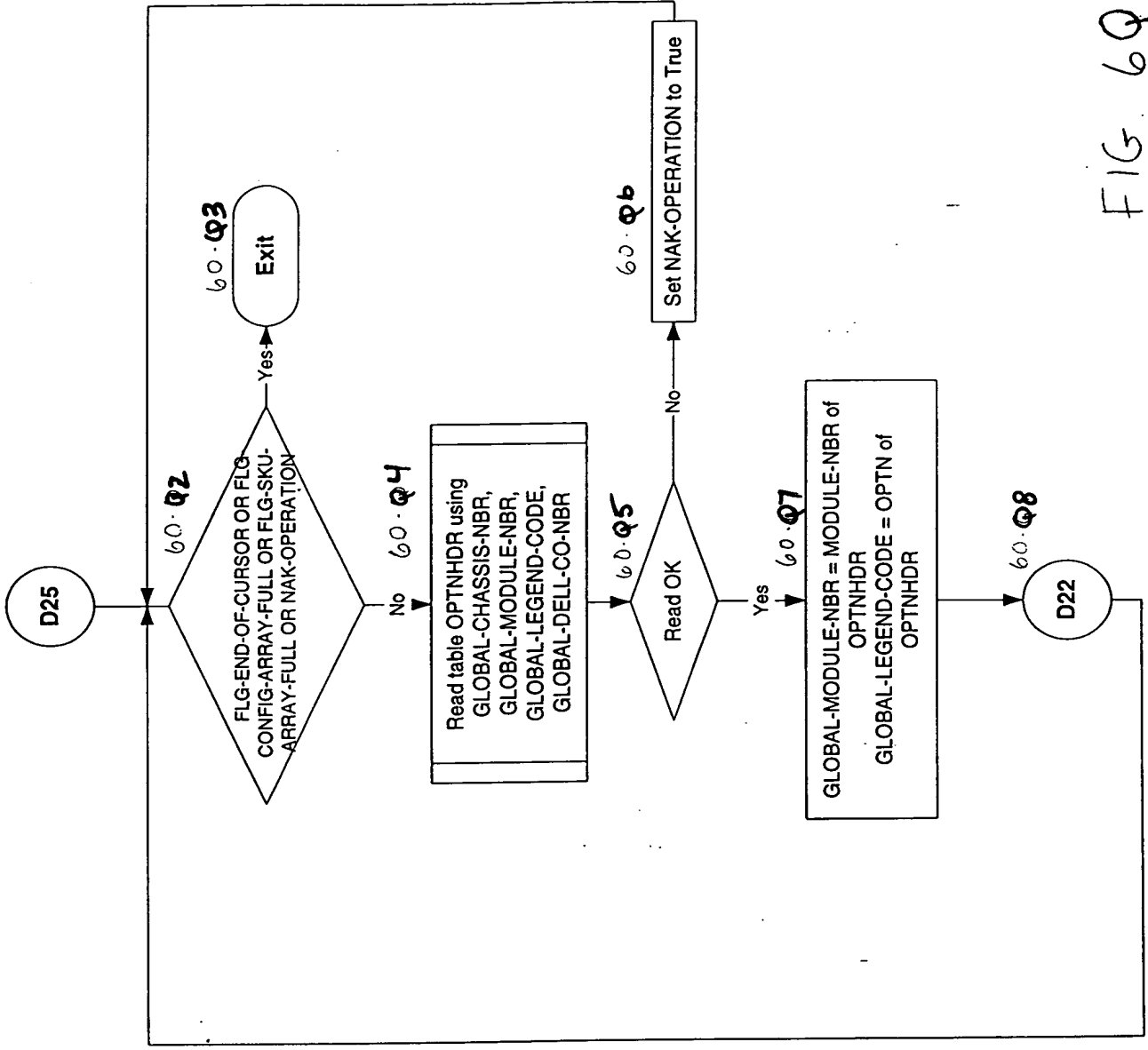
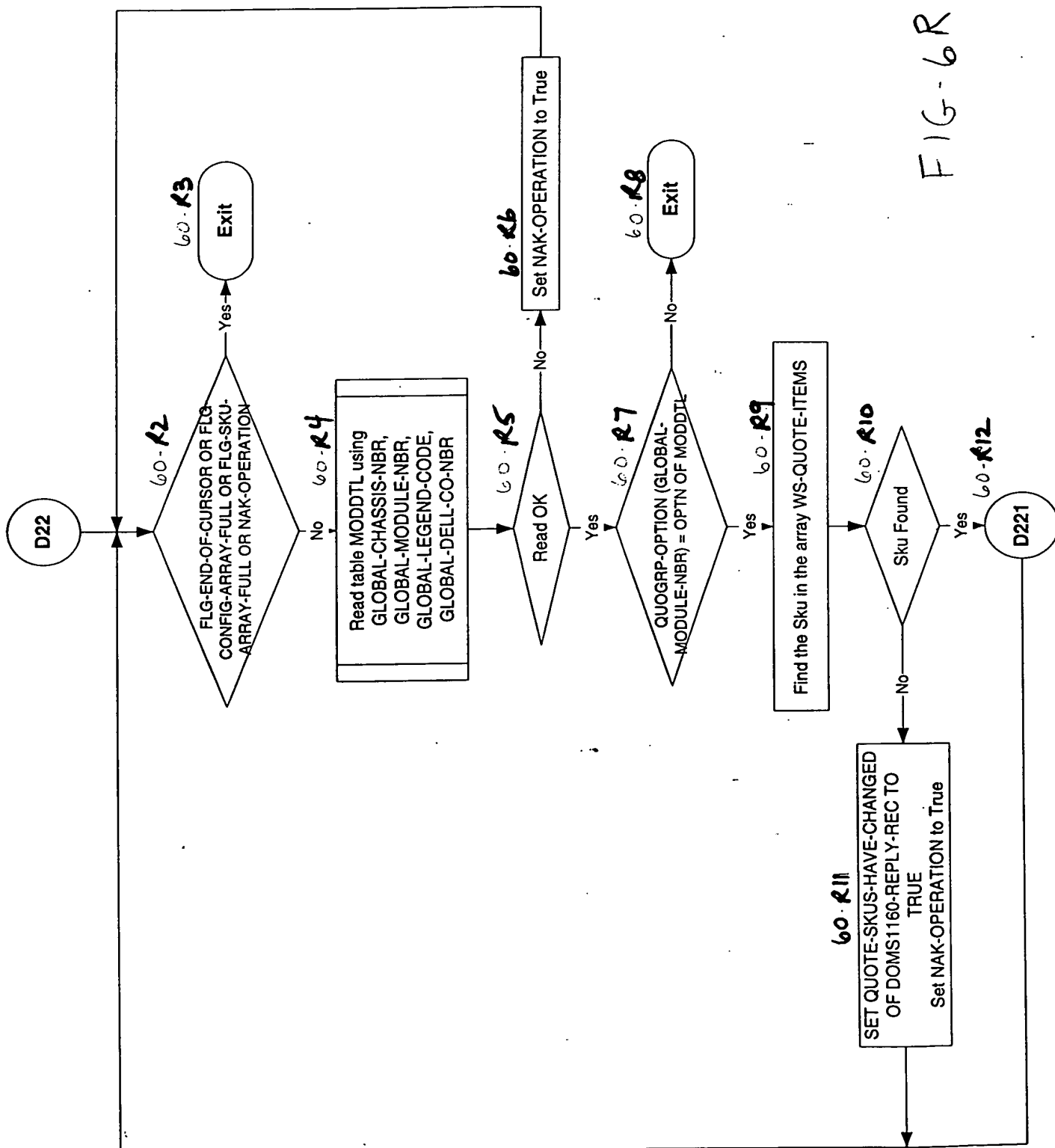
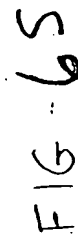


FIG. 6Q

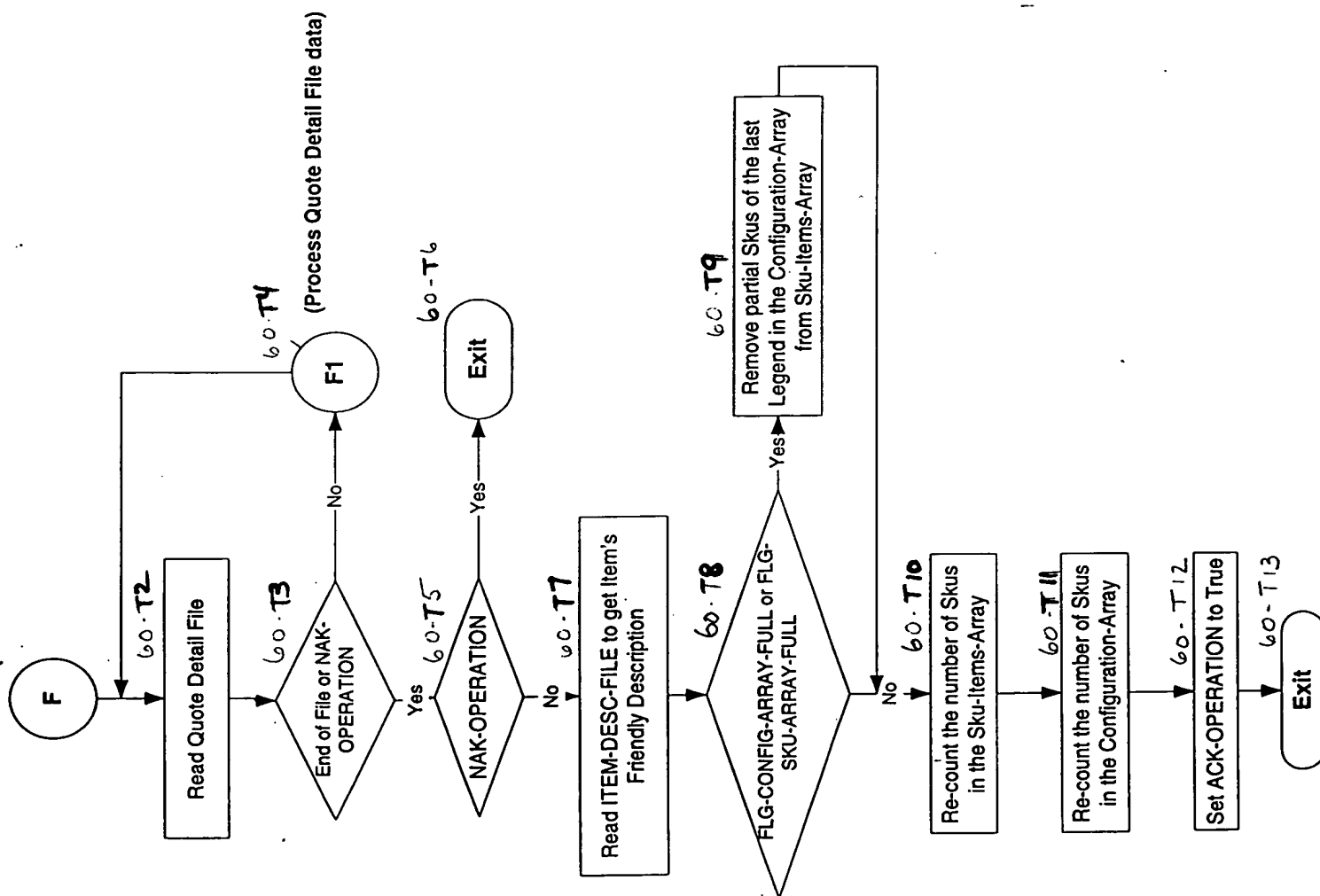
60.21



60-51


$$\frac{59}{67}$$

60.71



F15 6T

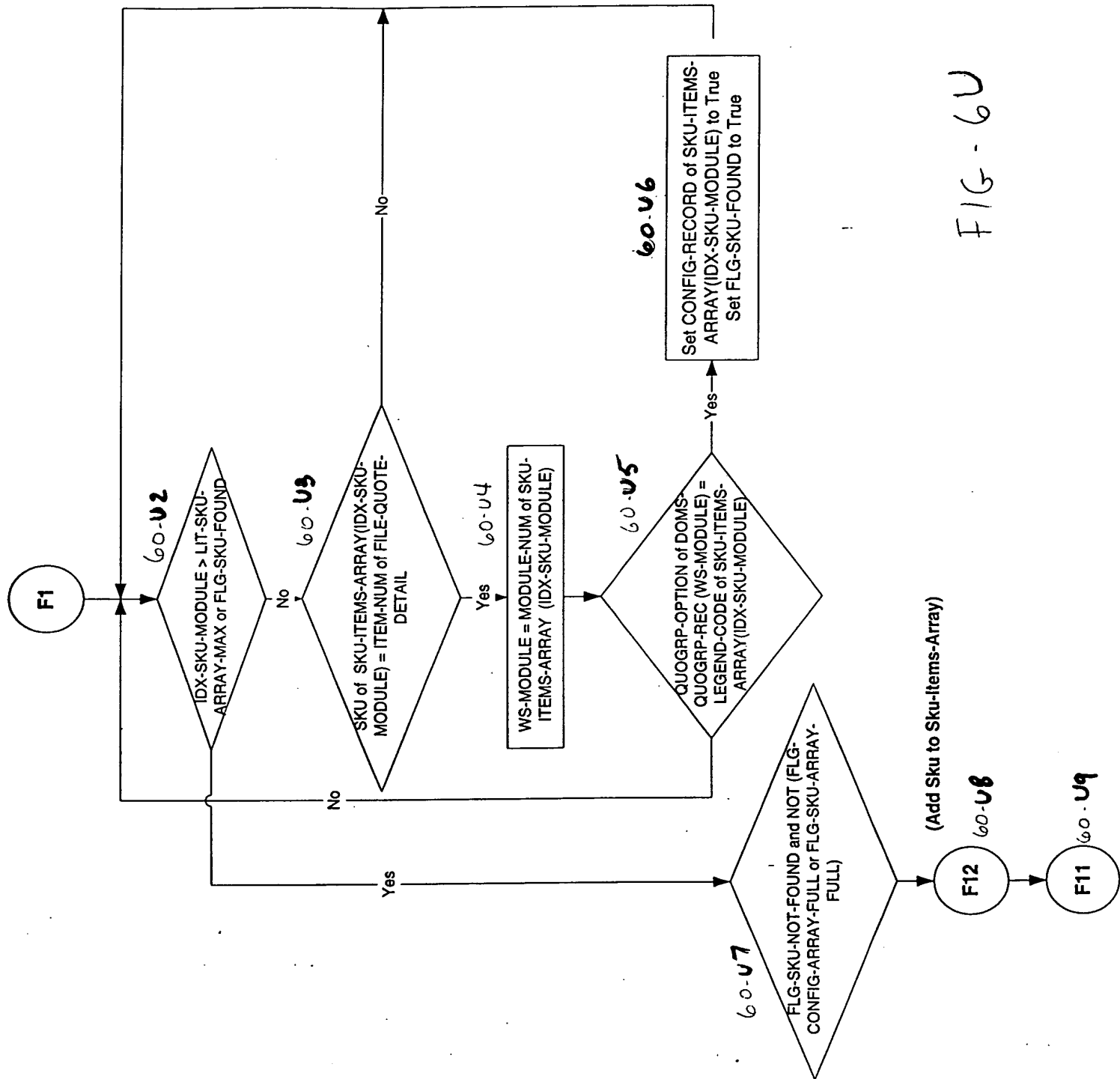
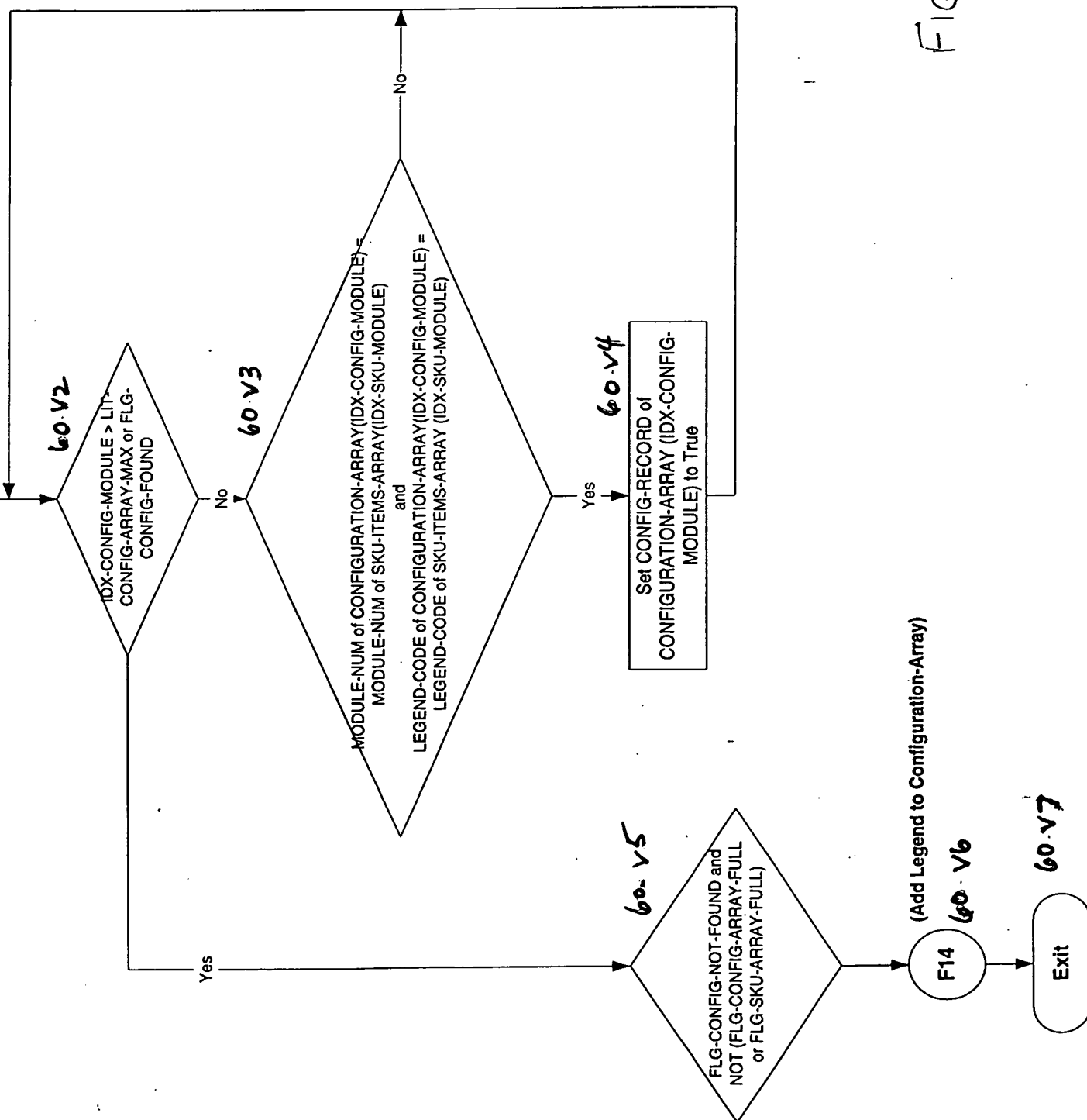


FIG-6U

60-61



60-41

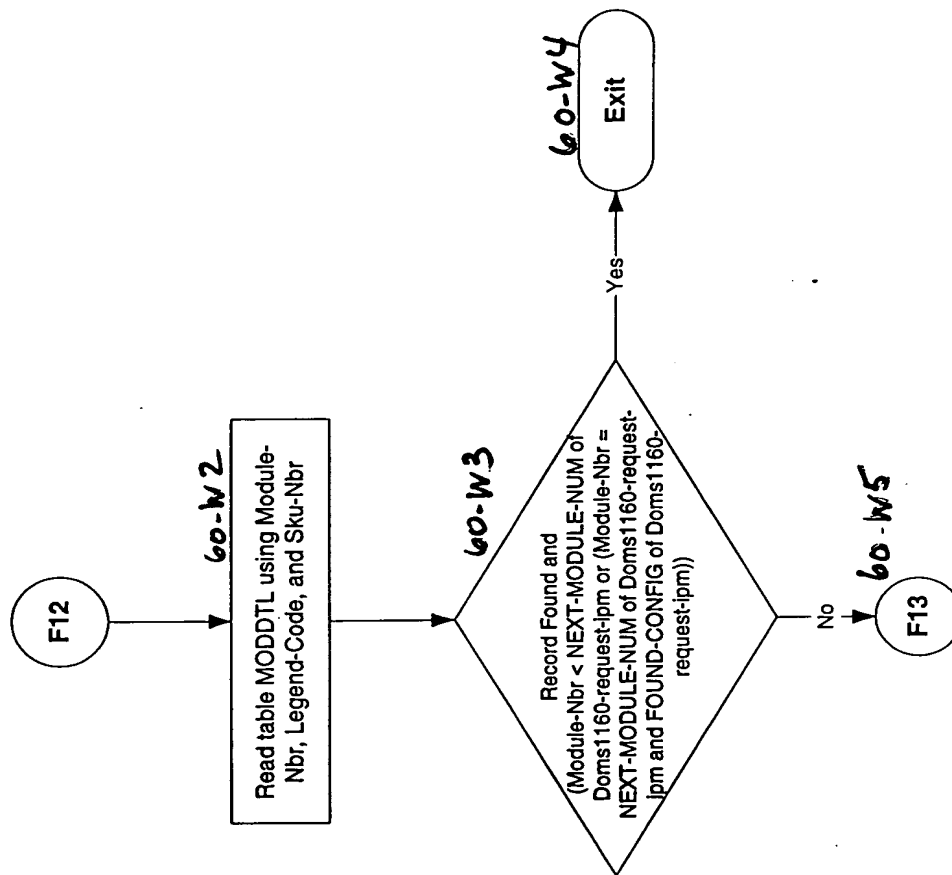
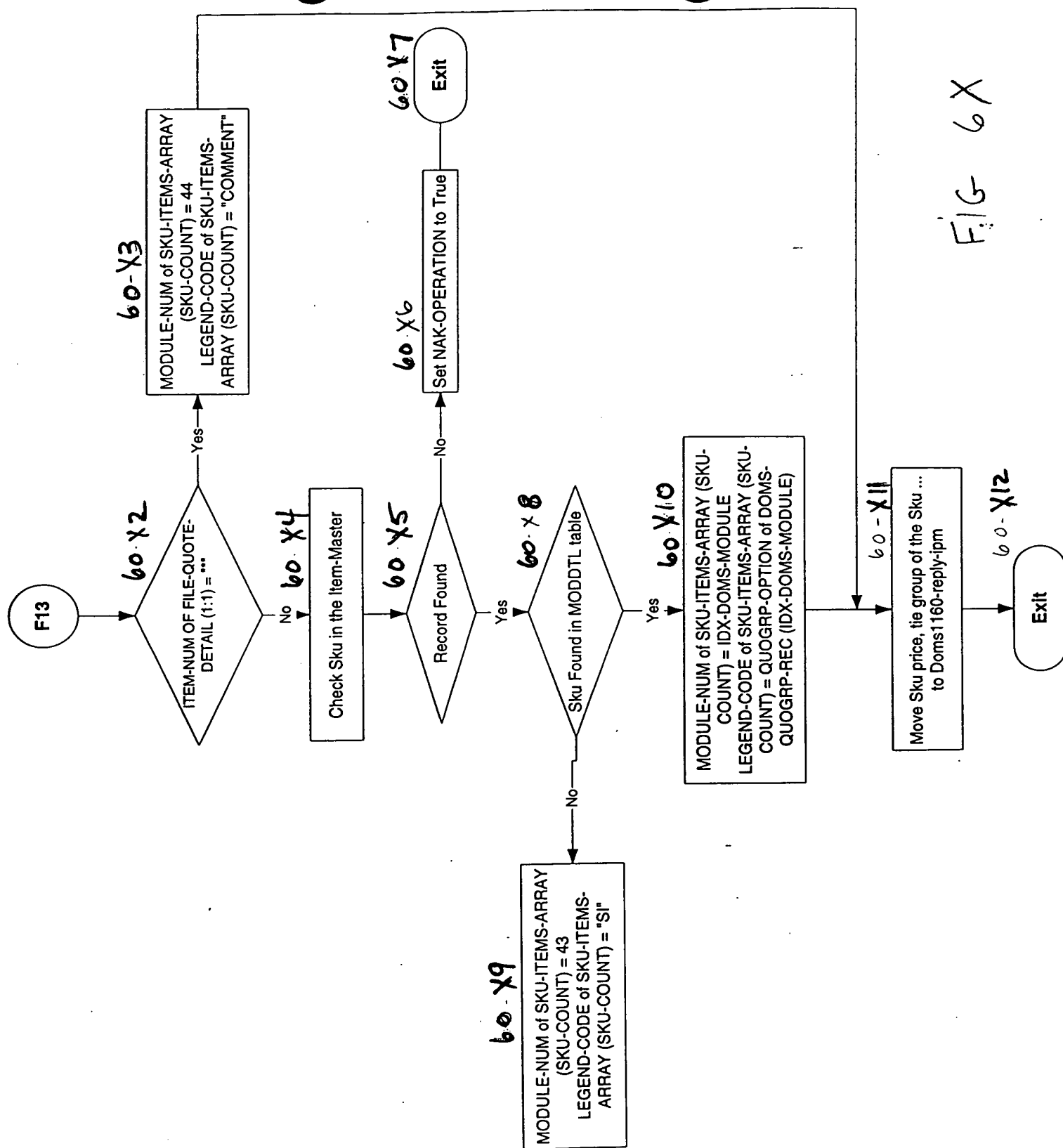


Fig. 6W

149



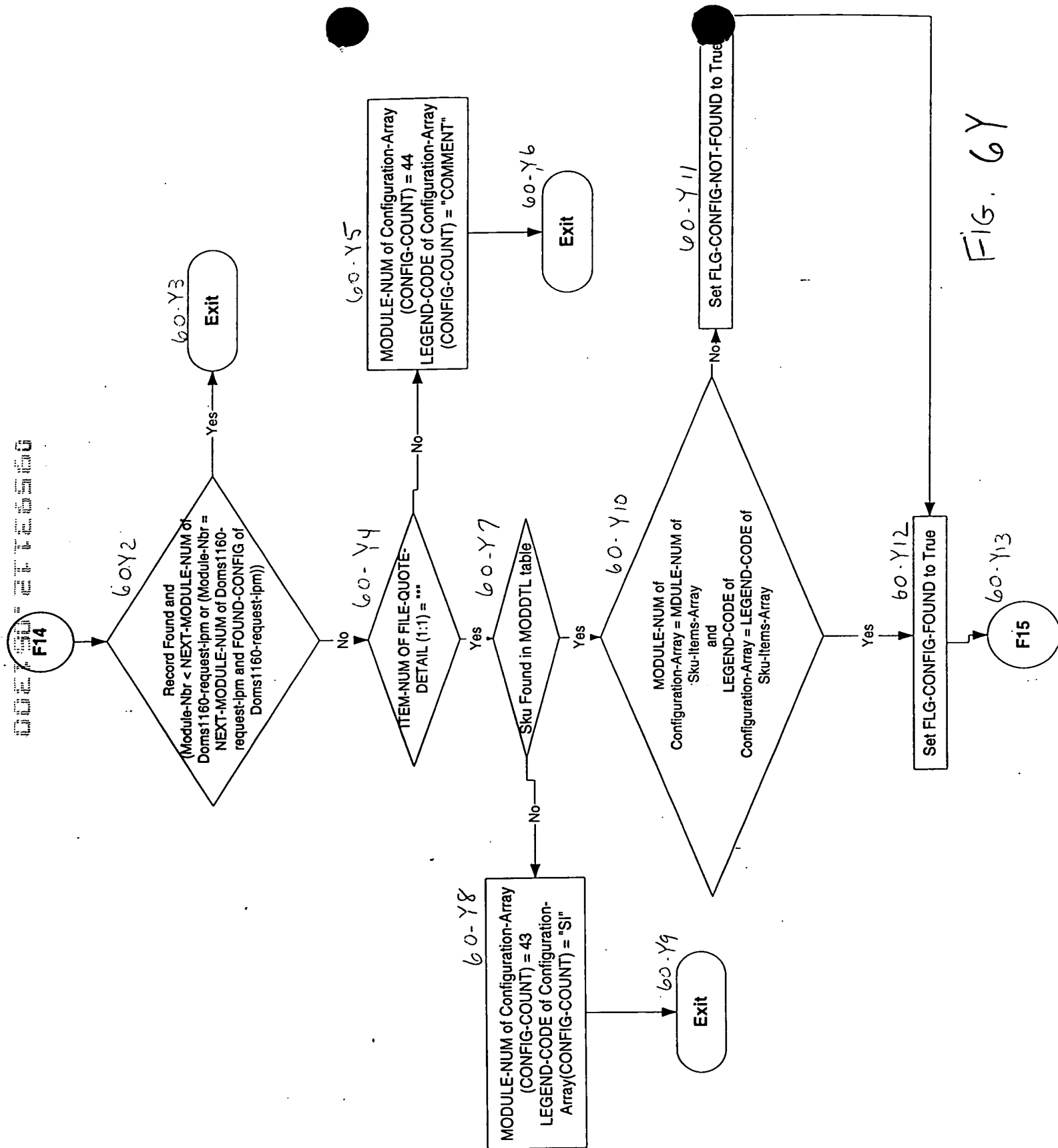
[illegible]

Fig. 6Y

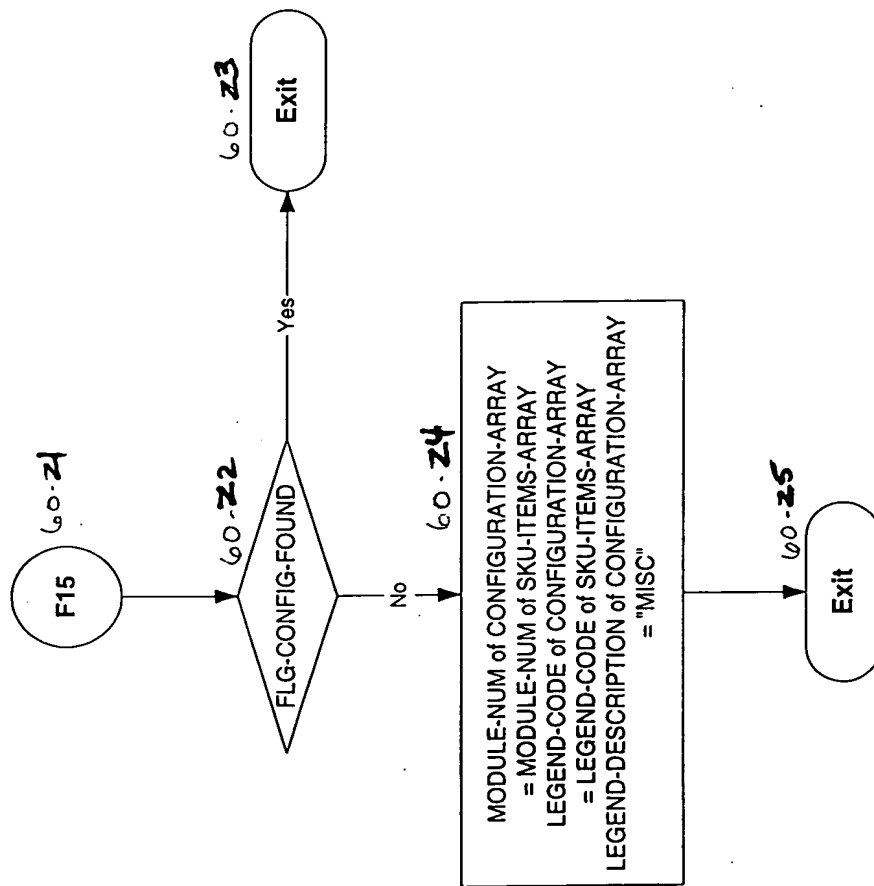


FIG. 62

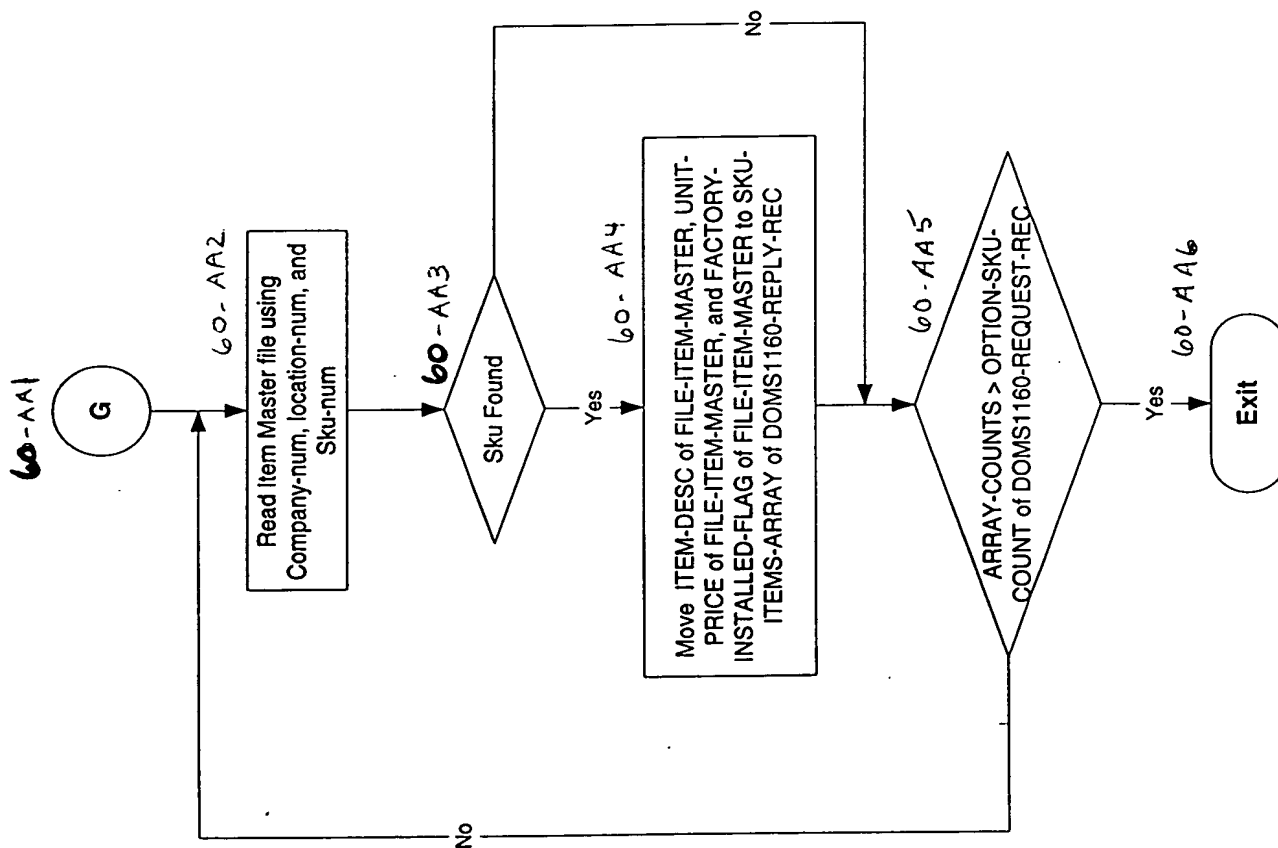


FIG. 6AA

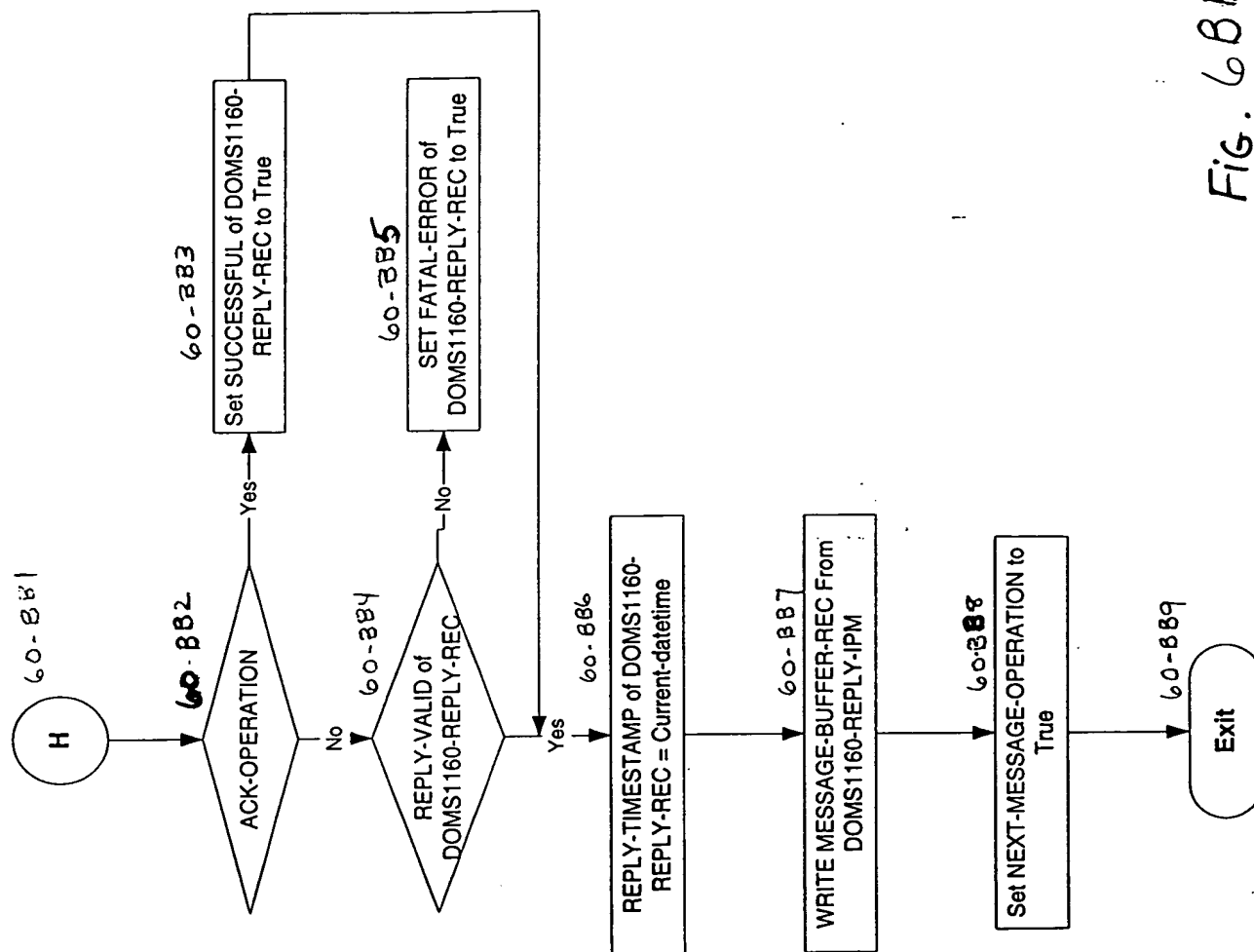


Fig. 6BB

```

graph TD
    AOE_GUI[AOE GUI 402] -- "Create Stocking Order" --> DB[(DB 200)]
    DB -- "Process Forecast Orders, Update results" --> Router((QS Stocking Order Router (batch, process) (2)))
    Router -- "Automated orders 7-2-1 and 7-2-2" --> OMS[OMS server 1240]
    OMS -- "Get :oms Order Status and routing position" --> Status_Update((Status Update (batch, process) (5)))
    Status_Update -- "Get all orders that are not cancelled, marked as ready, or invoiced to obtain current status" --> DB
    DB -- "Create Forecast request" --> Router
    Router -- "check before placing stocking order, that components are still valid" --> AOE_GUI
    AOE_GUI -- "Recneck to ensure valid configuration (3)" --> Router
  
```

Fig. 7A

Fig. 7A

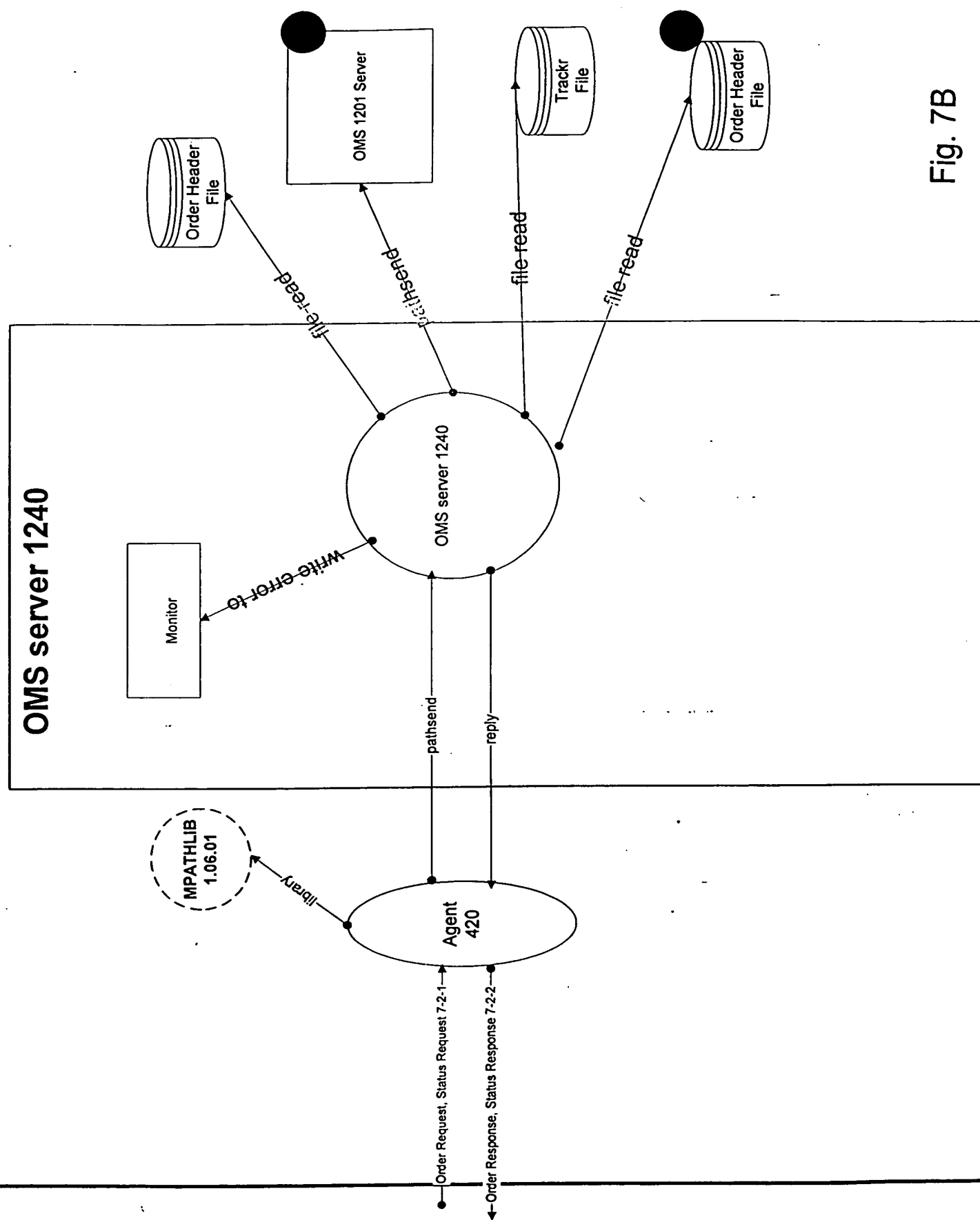


Fig. 7B

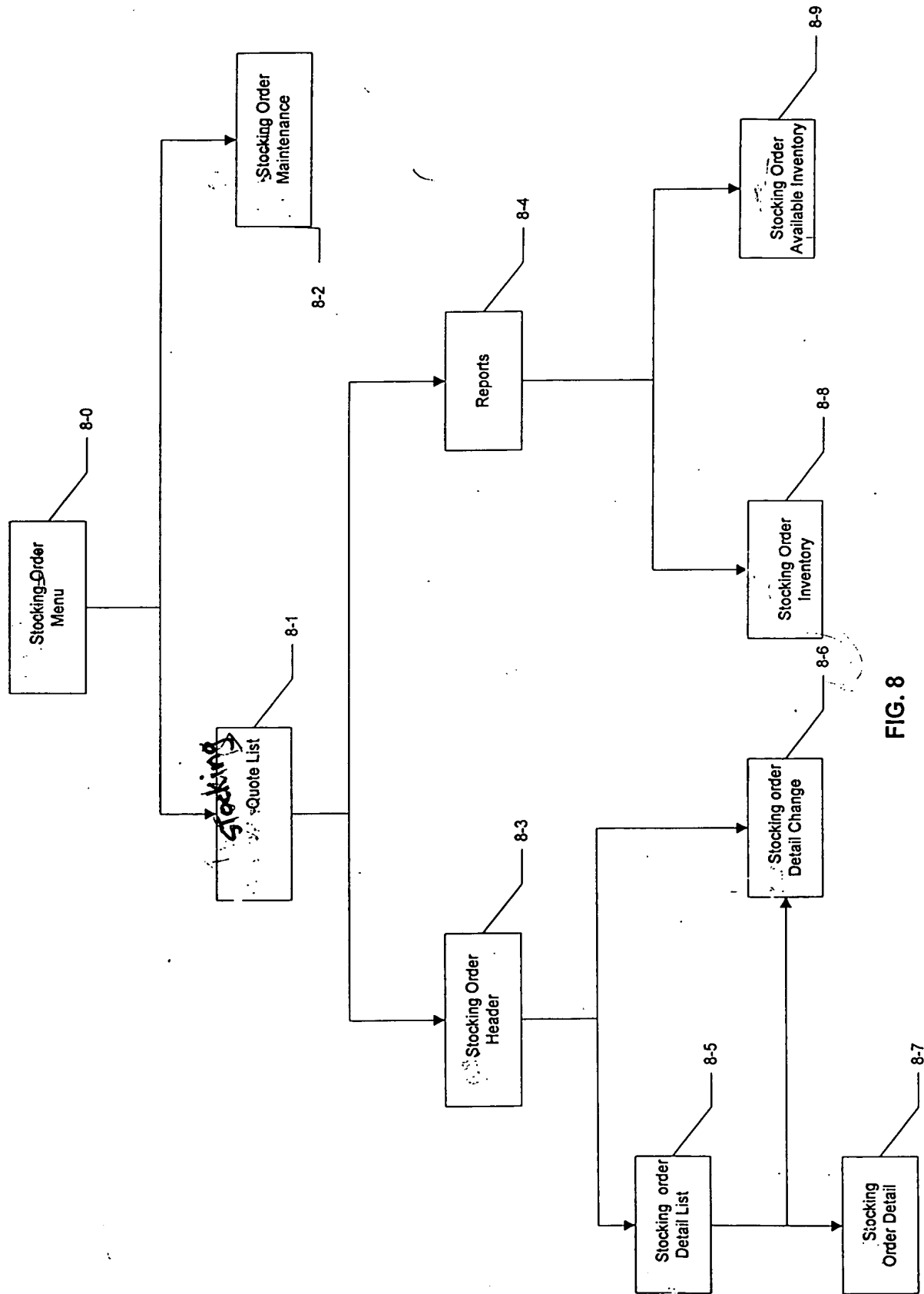
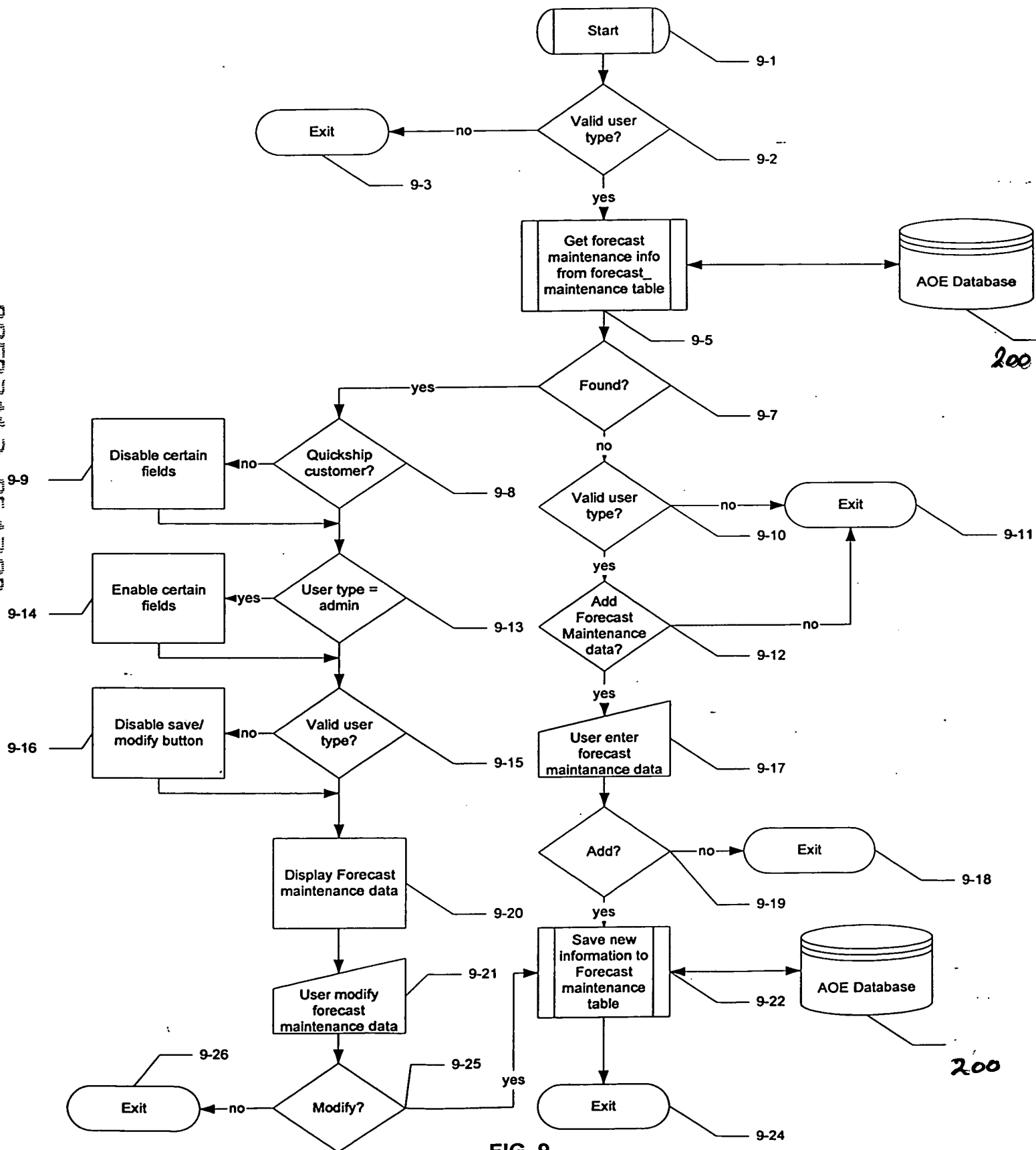
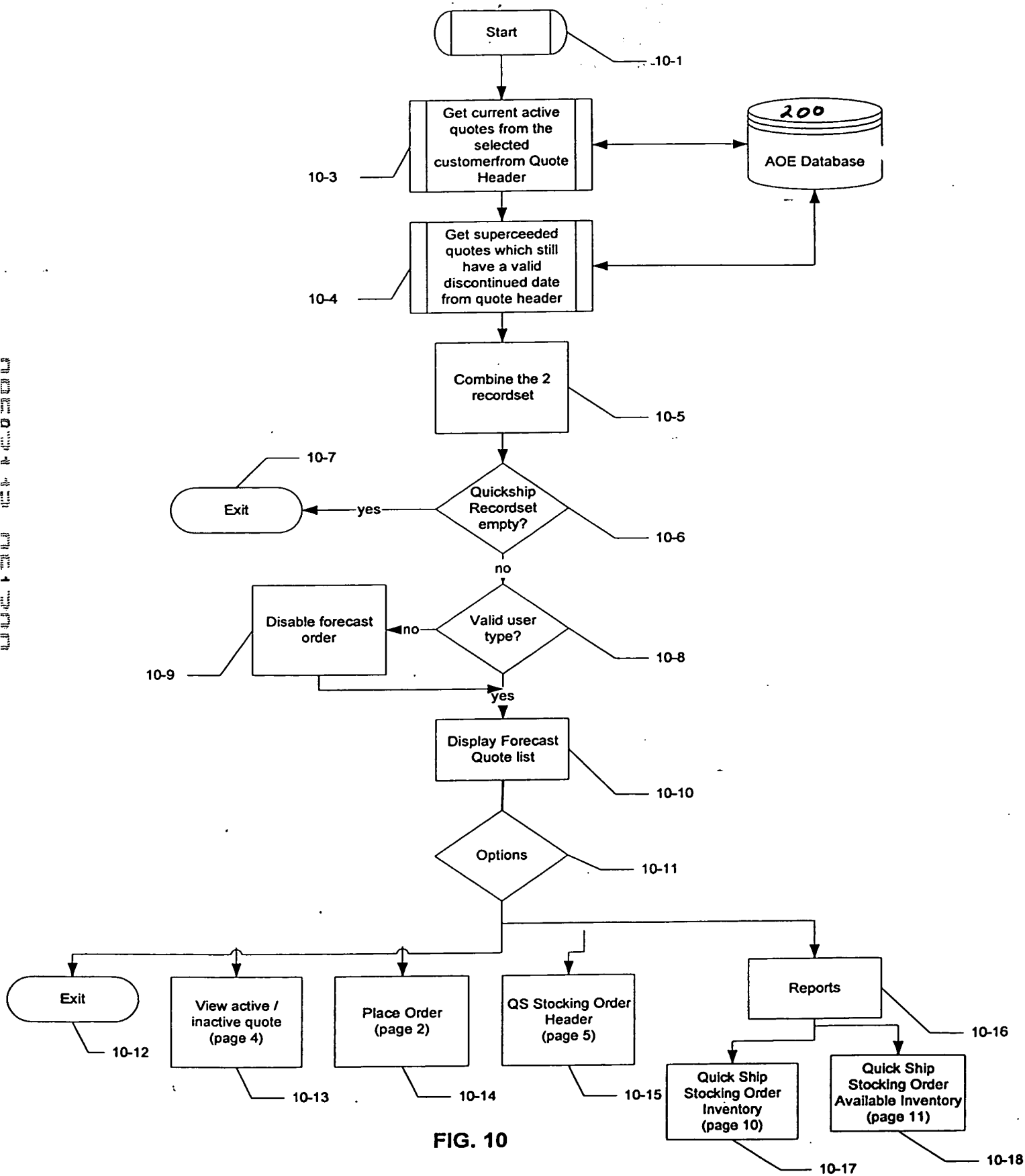


FIG. 8



200



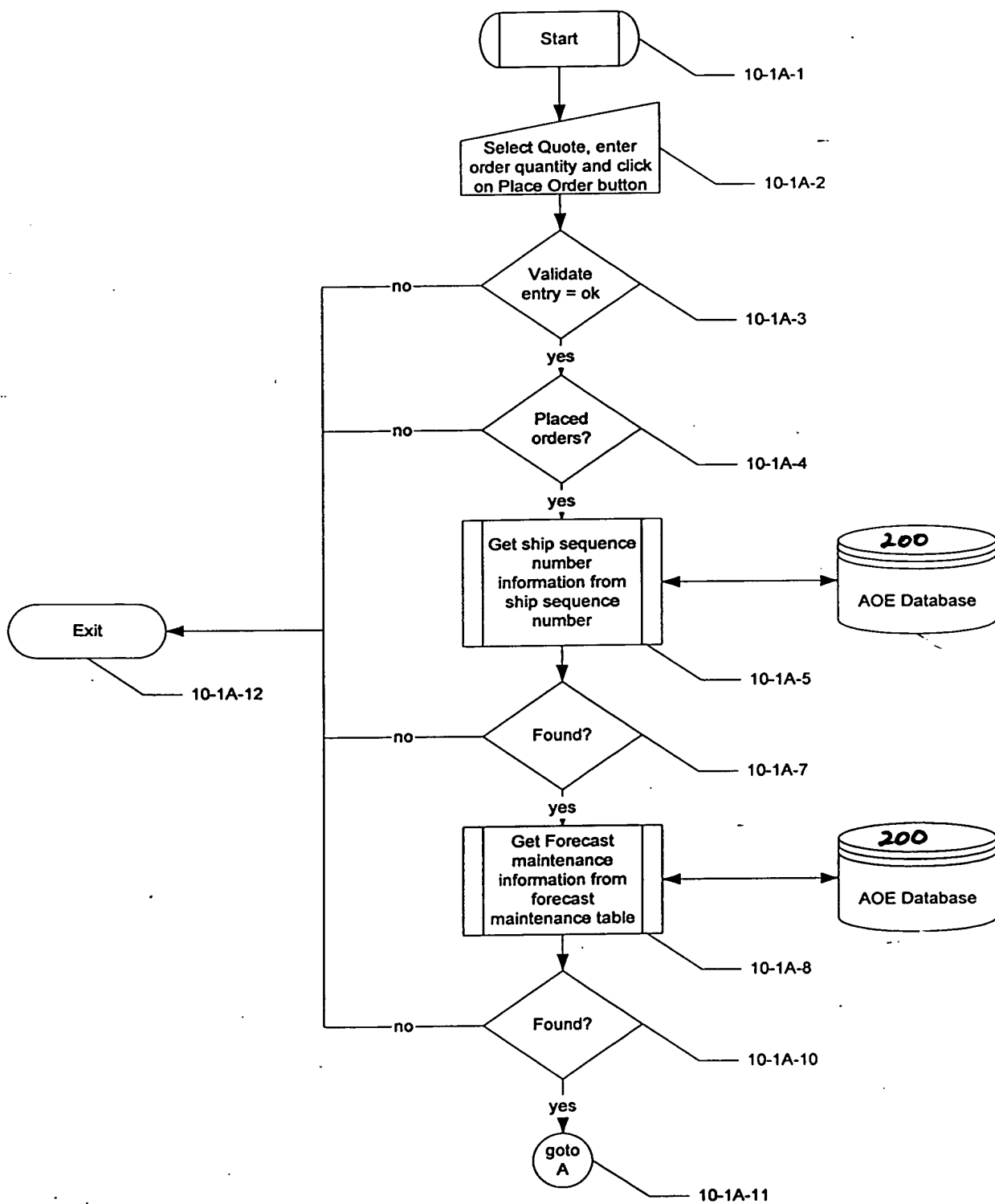
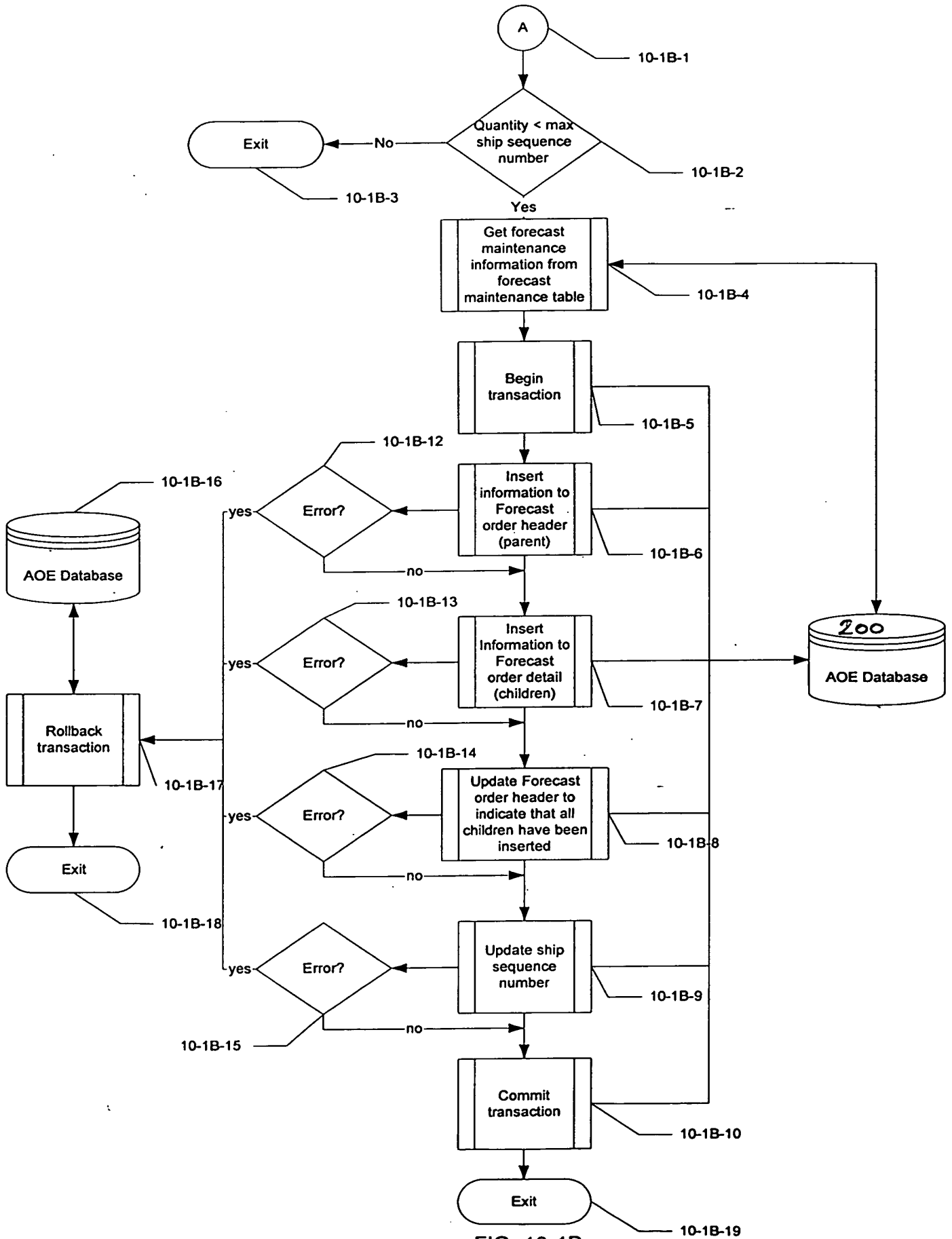


FIG. 10-1A



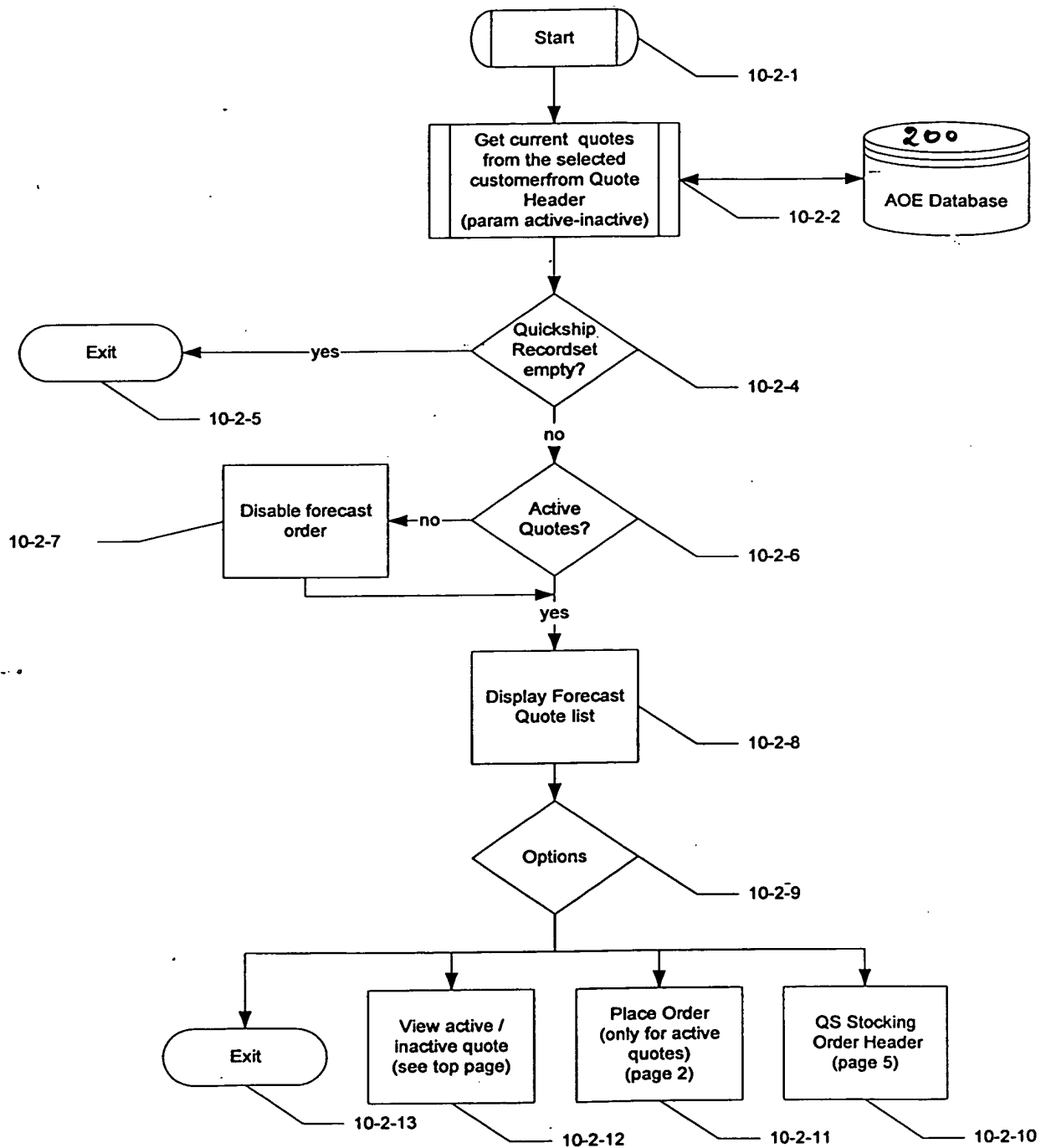


FIG. 10-2

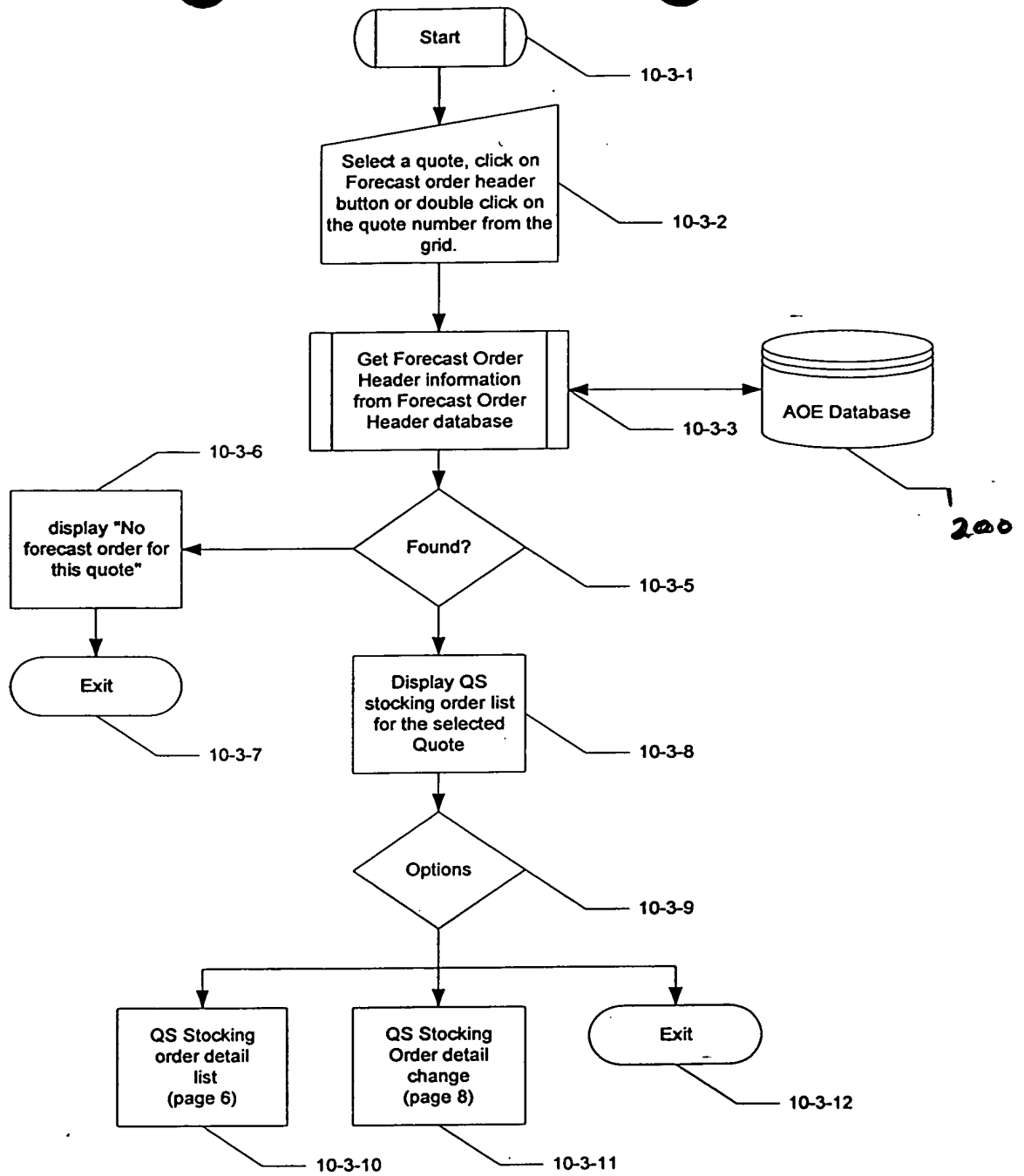
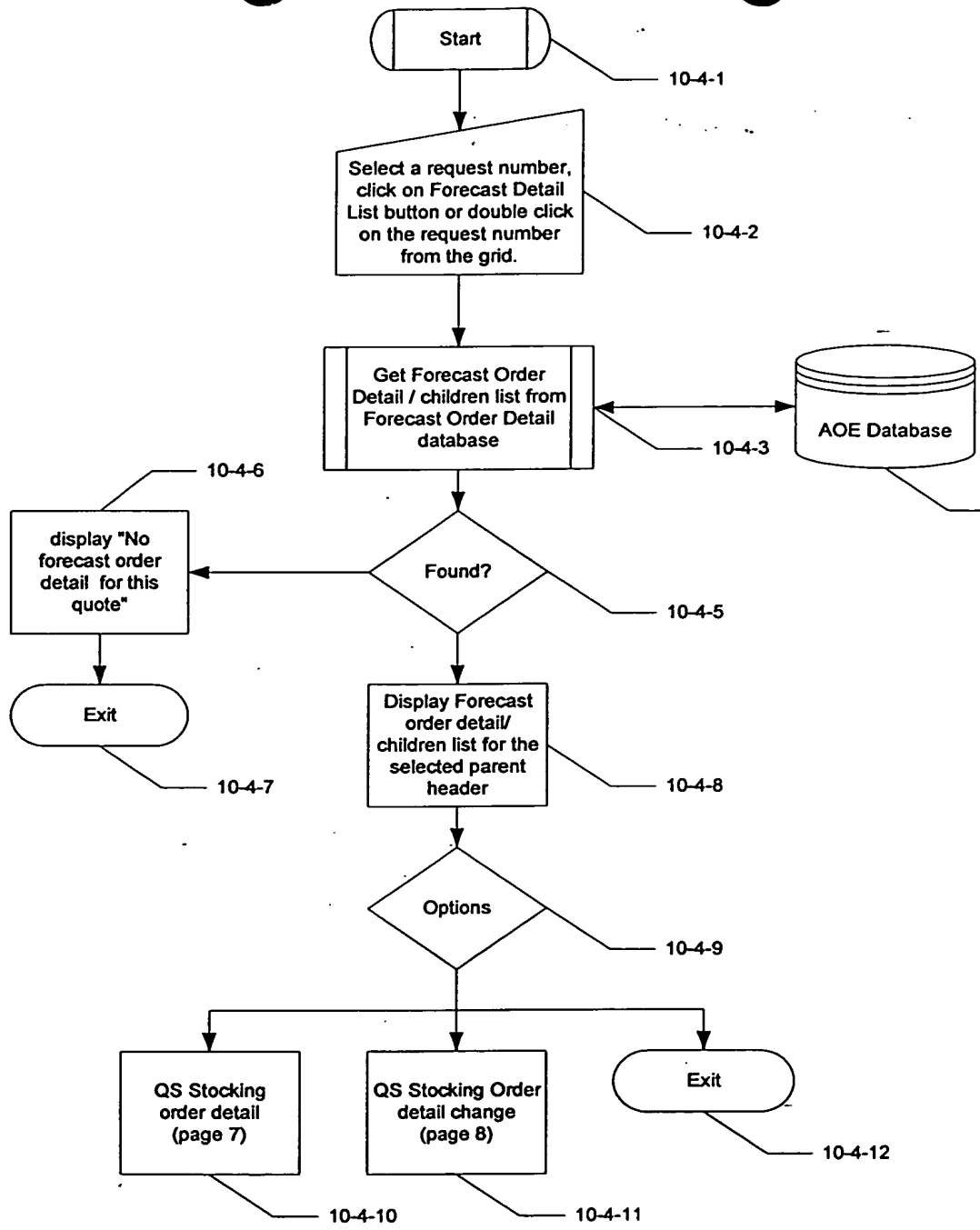


FIG. 10-3



200

FIG. 10-4

FIG. 10-5

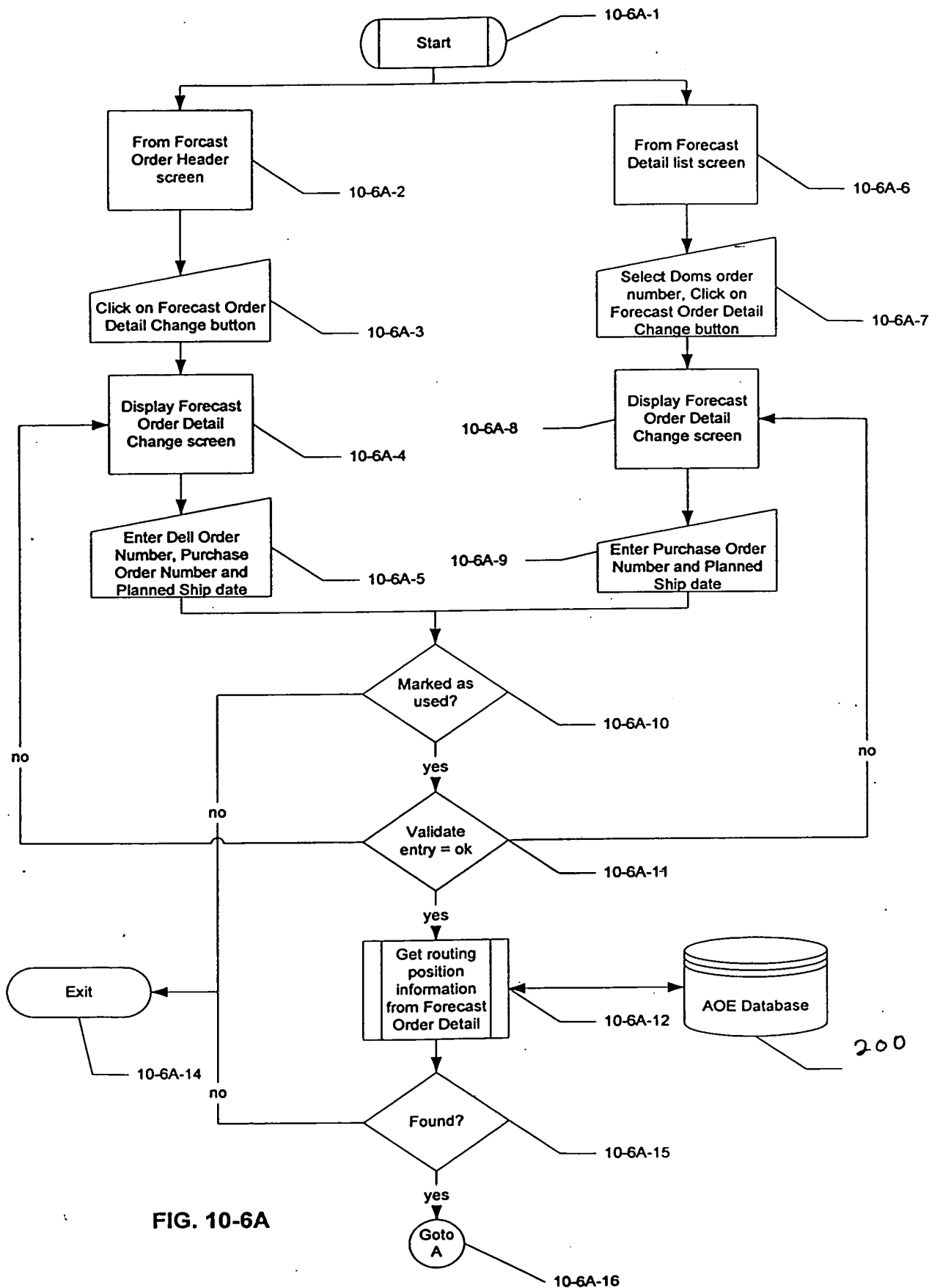


FIG. 10-6A

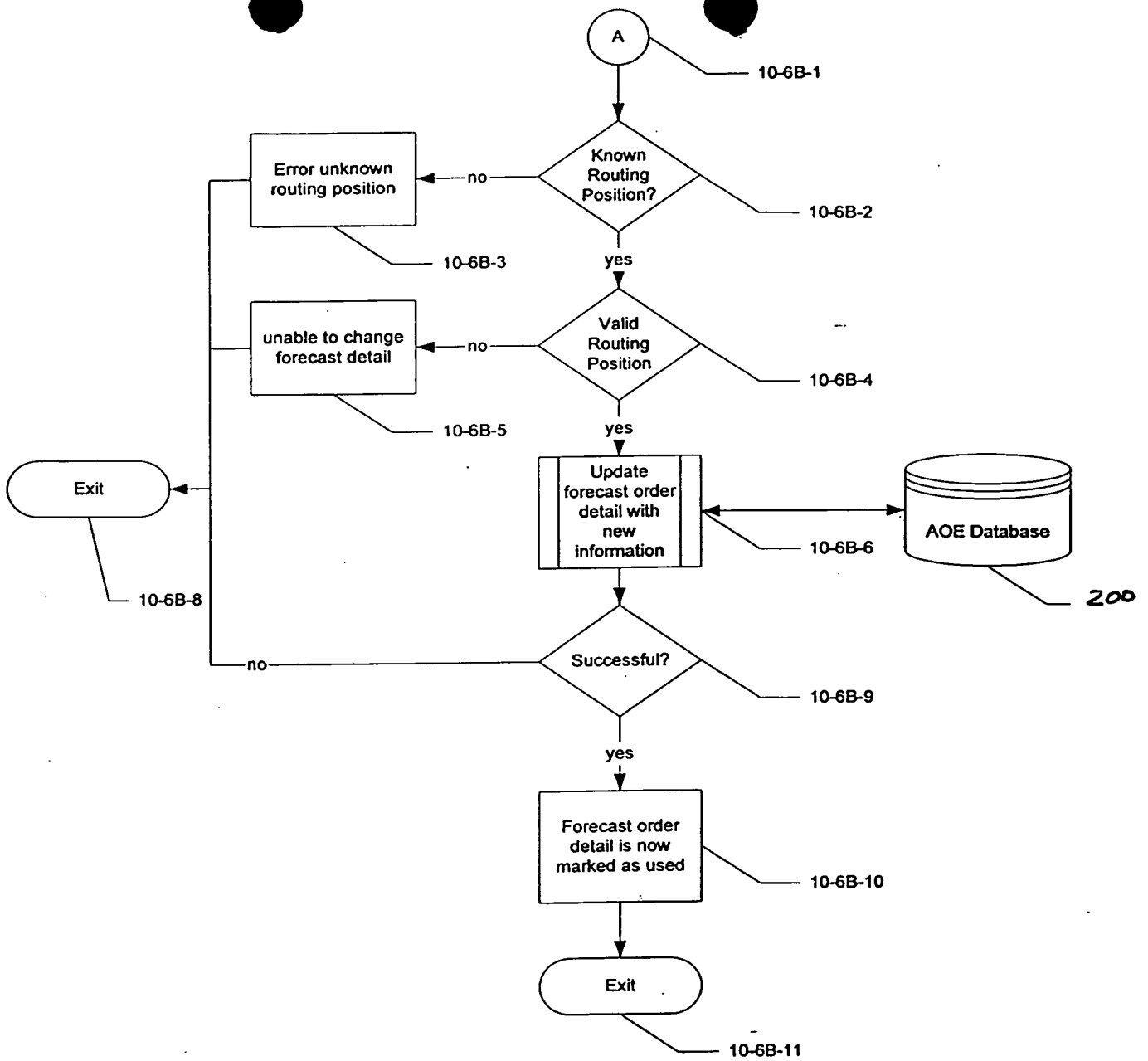


FIG. 10-6B

00593142-004300

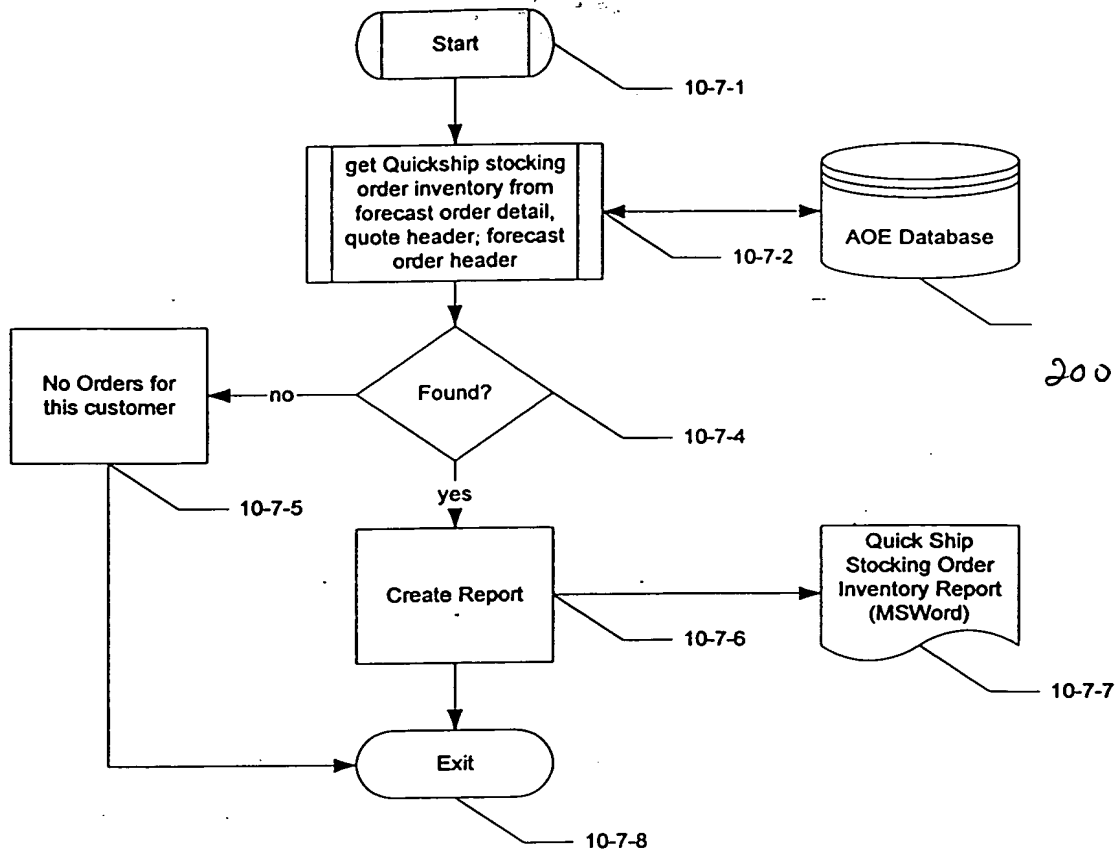


FIG. 10-7

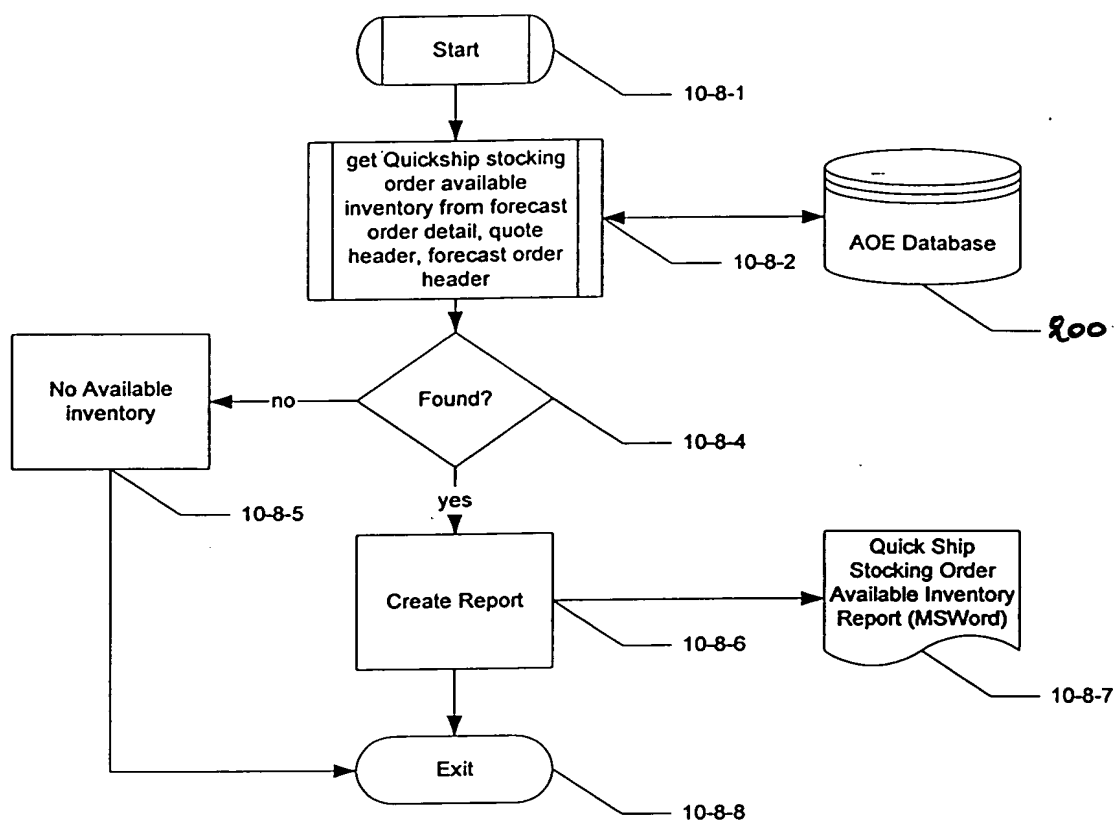
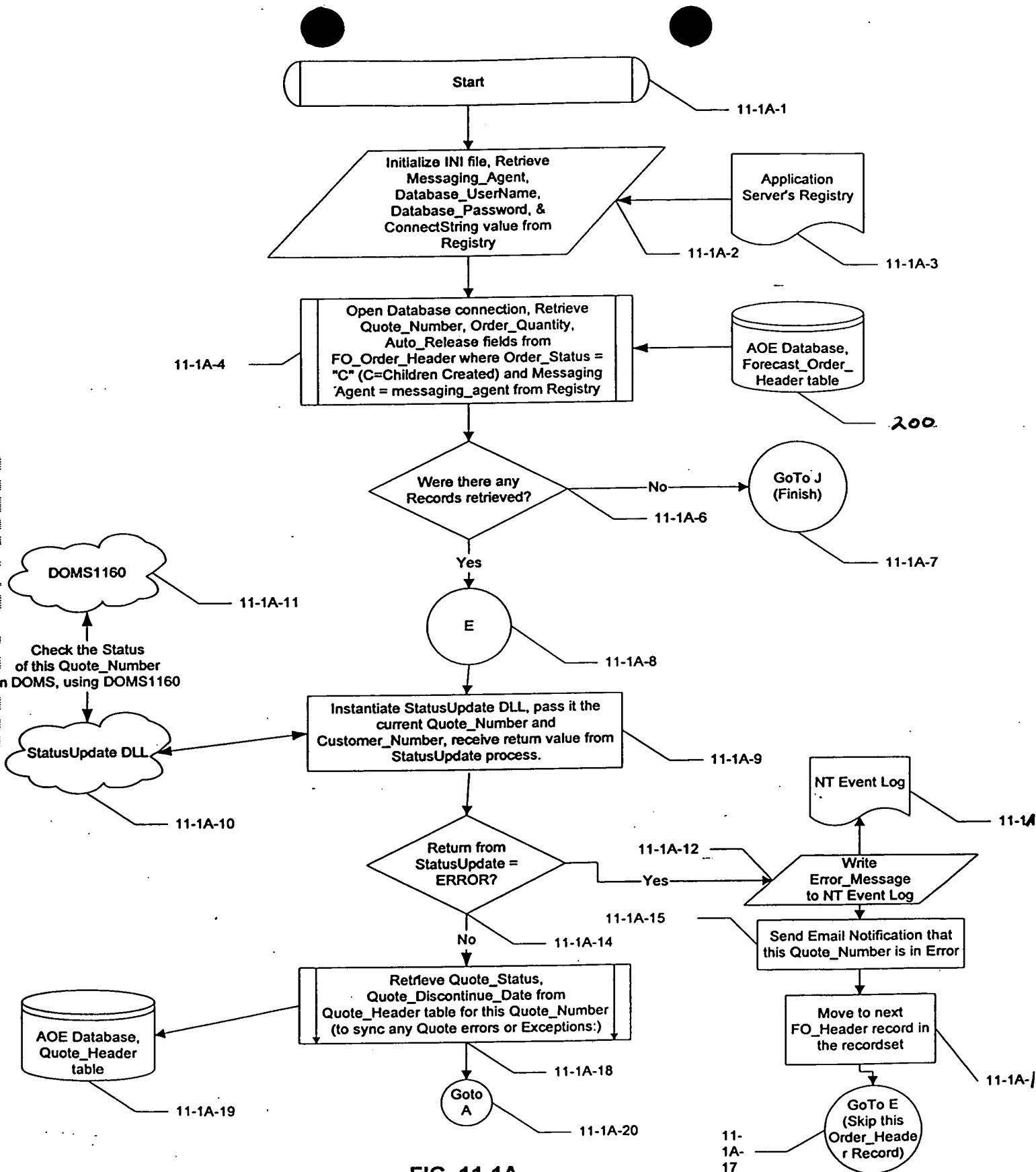
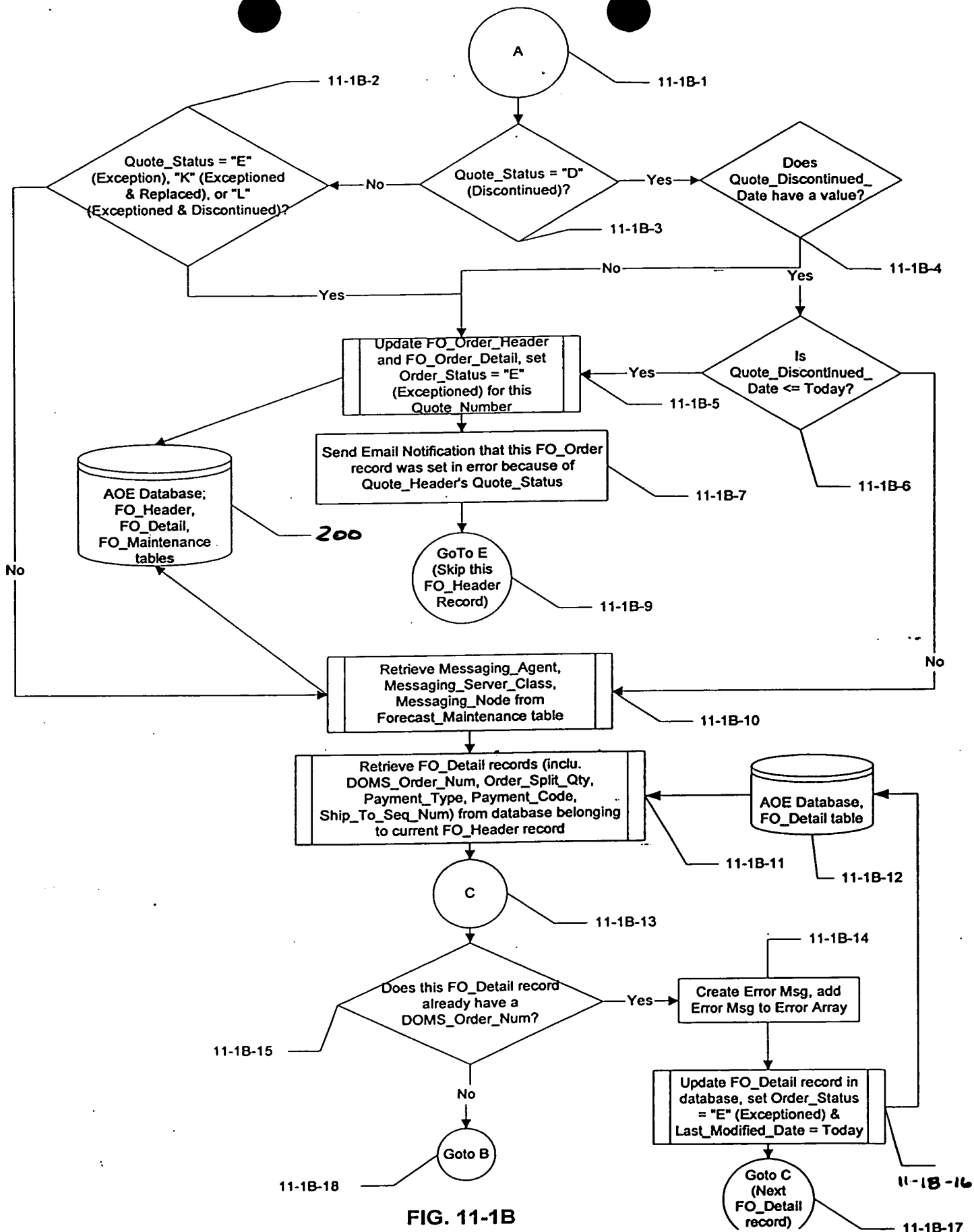
[illegible]

FIG. 10-8

00593.412 061300





002150-2110560

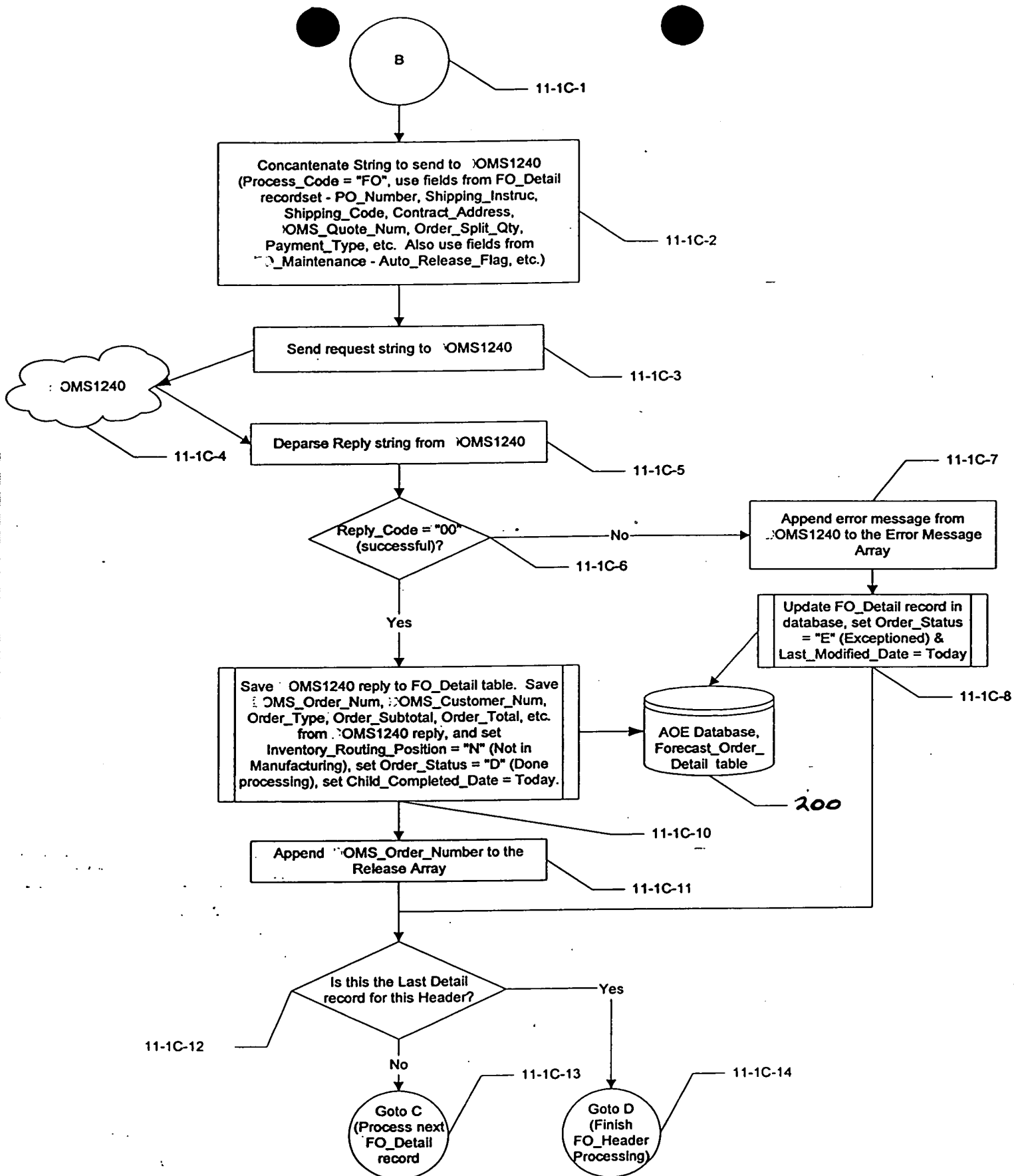


FIG. 11-1C

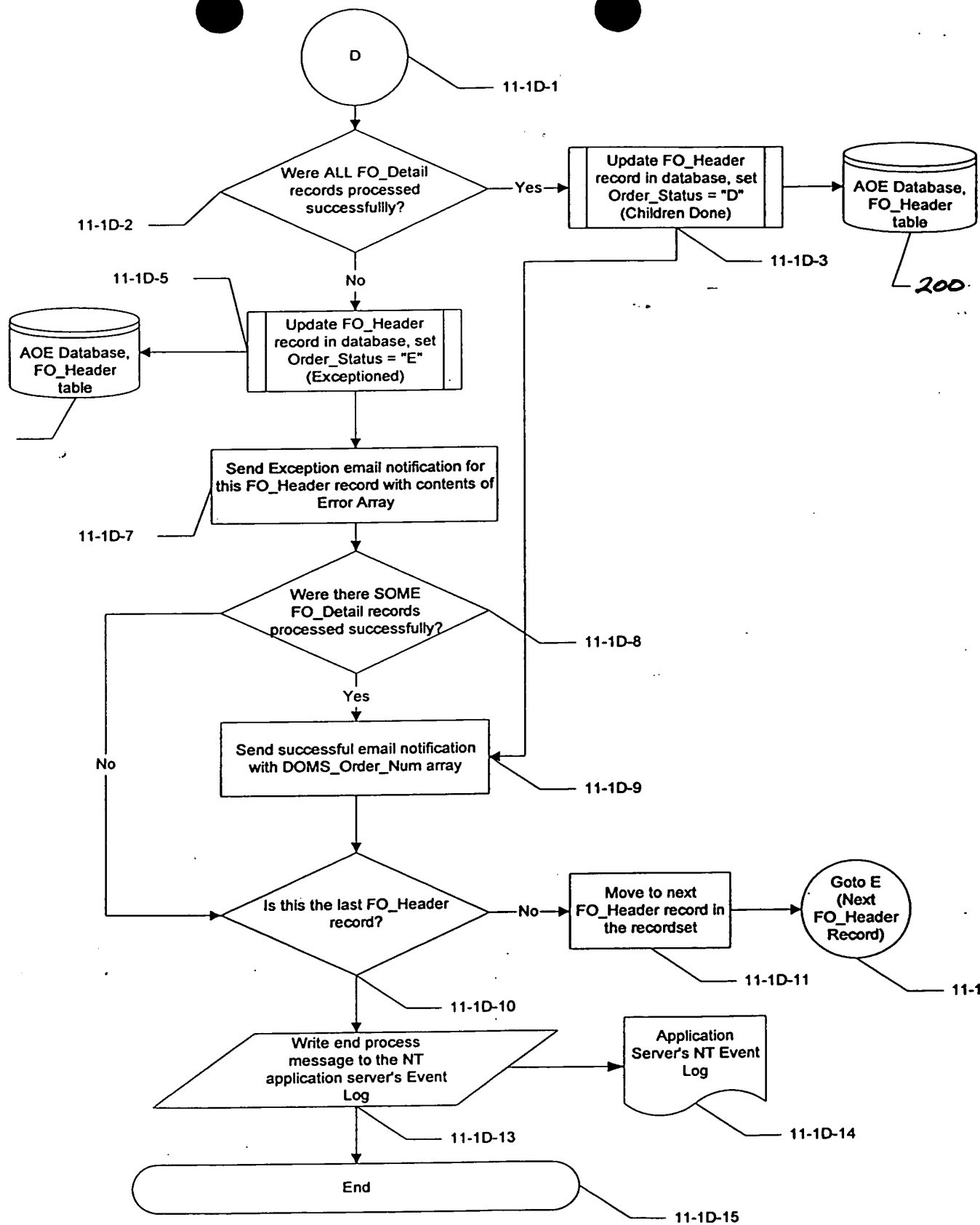


FIG. 11-1D

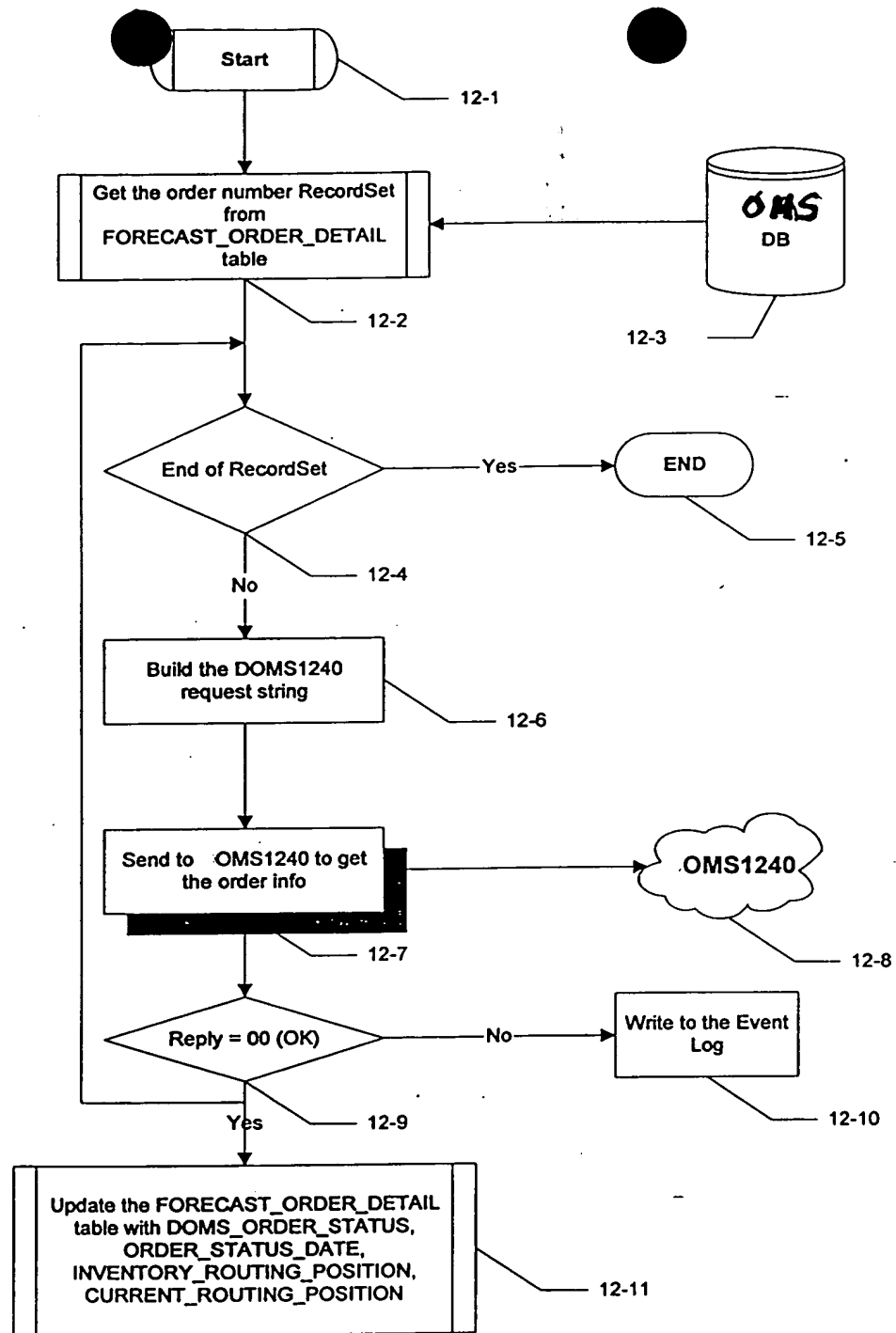


FIG. 12

Receiving orders
for commodity and
non-commodity
products
1300-1



Building product
on a build to order
basis for orders
with longer lead
time
1300-2



Building product after preparing a catalog for a customer based on configurations made possible in the catalog
1300-3



Delivering product
1300-4

Fig. 13

```
graph TD; DF[Data File 310] --> R1[Receive data 1410]; R1 --> P1[Process data 1420]; P1 --> A1[Acknowledge data 1430]; A1 --> R2[Request for products 1440]; R2 --> G1[Generate purchase order 1450]; G1 --> P2[Process purchase order to approve or reject 1460]; P2 --> T1[Transmit Order 1470]; P1 --> DB[(DATABASE 370)]; A1 --> DB; DB --> R2; DB --> G1; DB --> P2; DB --> T1; C[Customer Procurement System 371]; R2 --> C; G1 --> C; P2 --> C; T1 --> C;
```

Fig. 14

Fig. 14

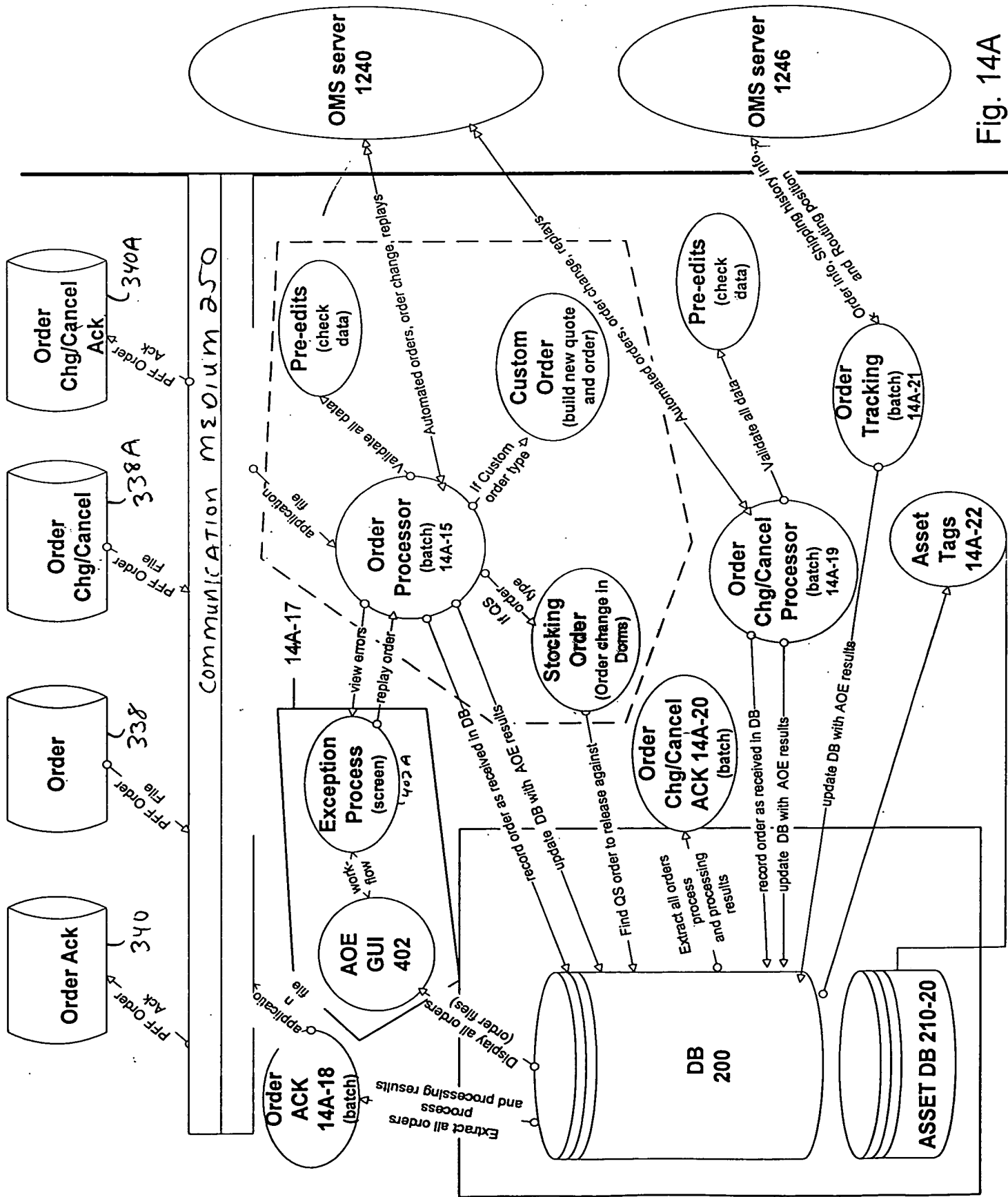
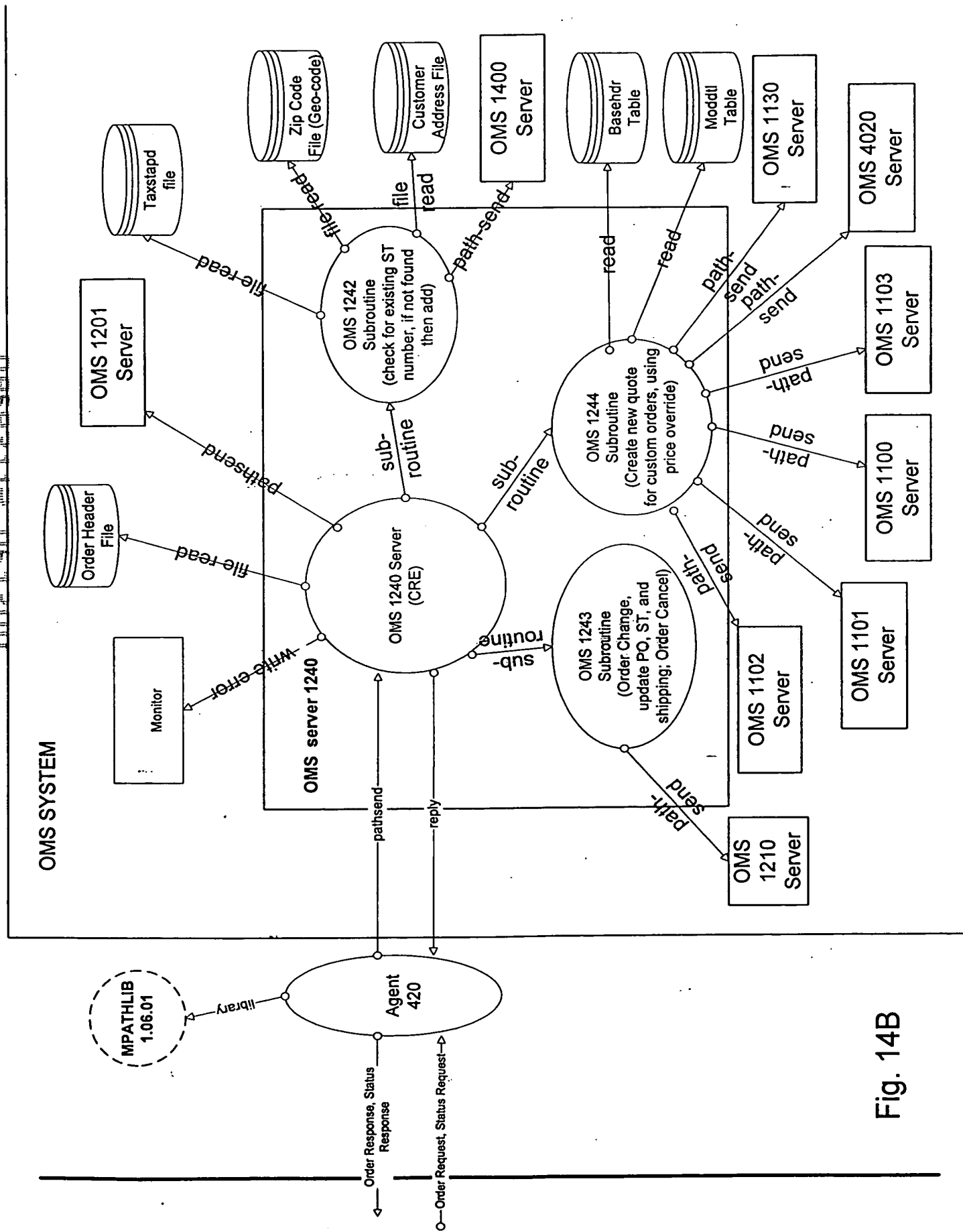


Fig. 14A



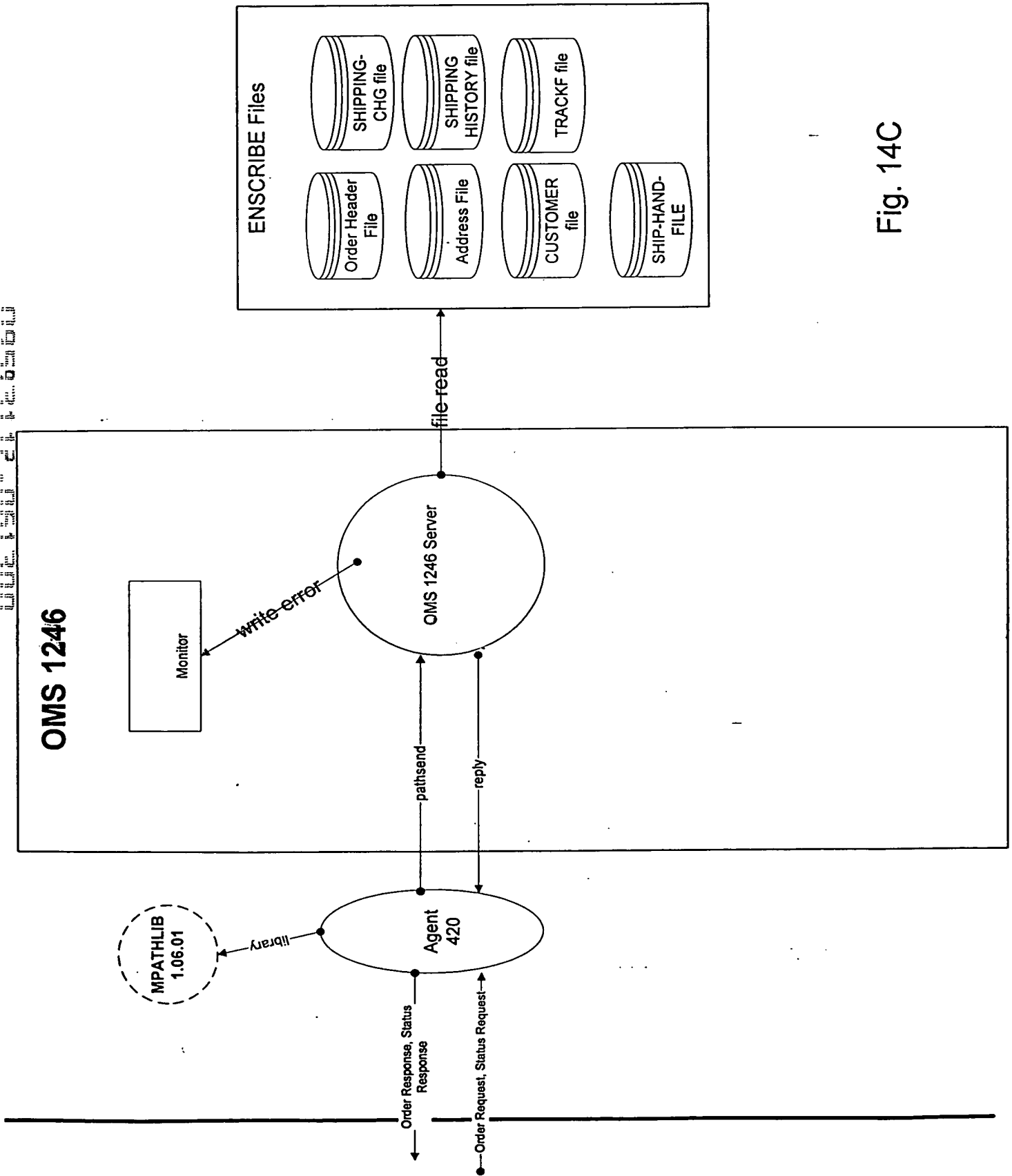


Fig. 14C

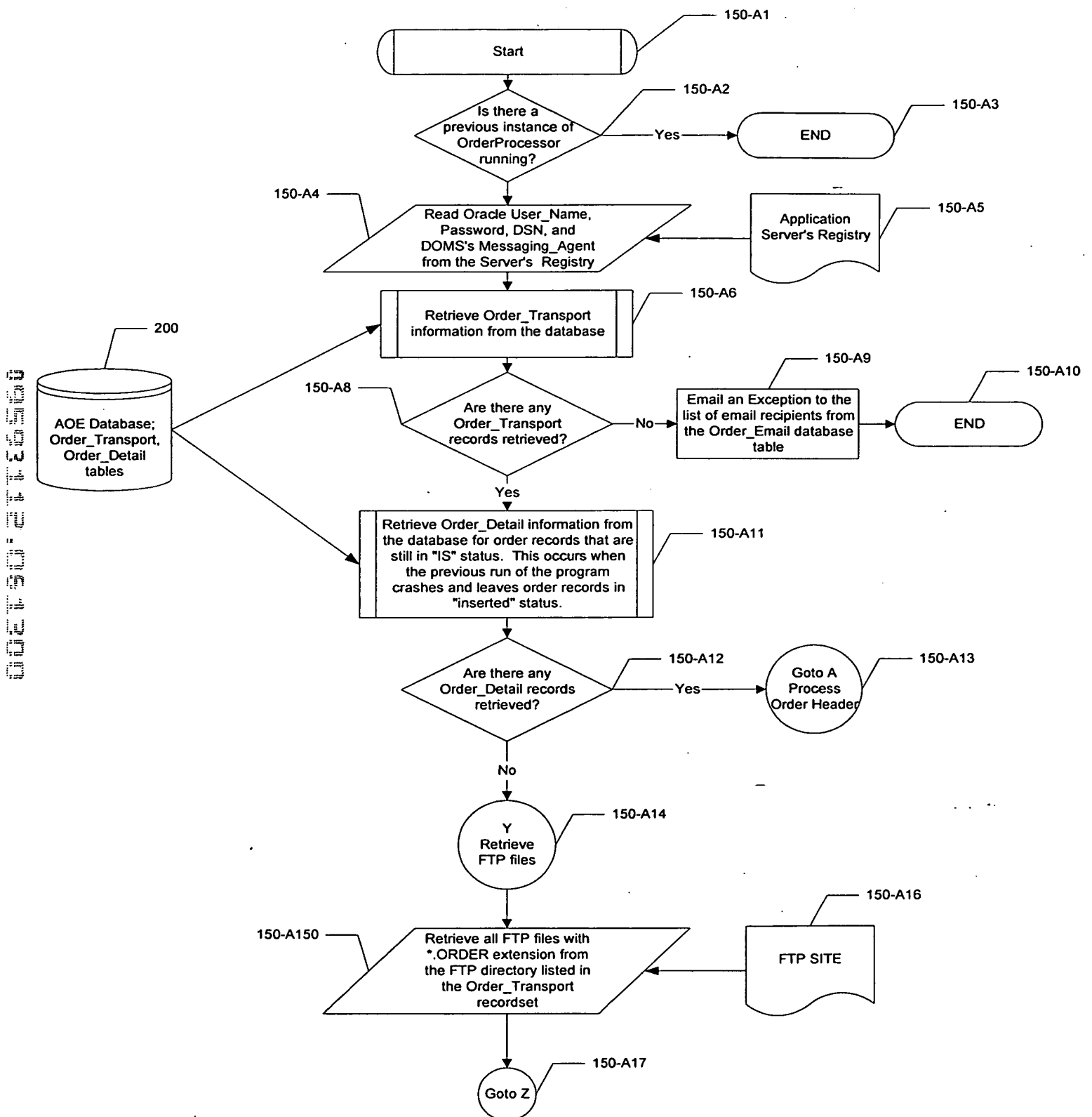


FIG. 15A


```

graph TD
    Z((Z)) -- 150-B2 --> D1{Was there an error  
retrieving FTP files?}
    D1 -- Yes --> P1[Email an Exception to the  
list of email recipients from  
the Order_Email database  
table]
    P1 --> E1([END])
    D1 -- No --> D2{Was there atleast one  
order file to process?}
    D2 -- Yes --> P2((Goto B  
Process Order  
file retrieved  
from the FTP  
Site))
    D2 -- No --> C1((AA  
Find any  
Reprocess  
orders))
    C1 --> P3[Retrieve Order_Detail information from  
the database for order records that are  
in "RP" status, reprocess records that  
were set into Pending/Internal status  
during the first run, and now have been  
adjusted to re-run.]
    AOE[(AOE Database;  
Order_Detail  
table)] --> P3
    P3 --> D3{Was there atleast  
one Reprocess order  
to process?}
    D3 -- Yes --> P4((Goto A  
Process  
Order Header))
    D3 -- No --> E2([END])
  
```

FIG. 15B

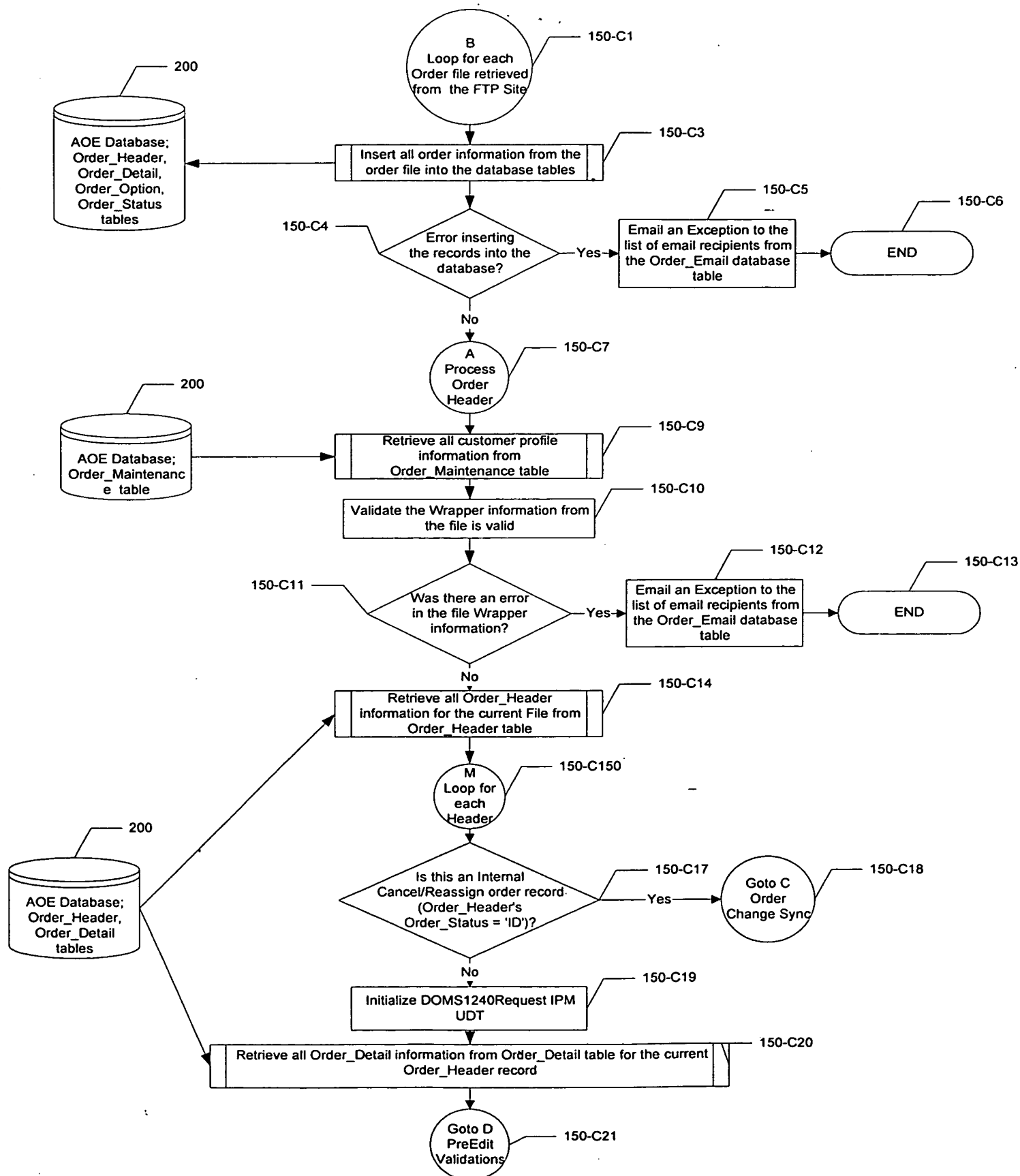


FIG. 15C

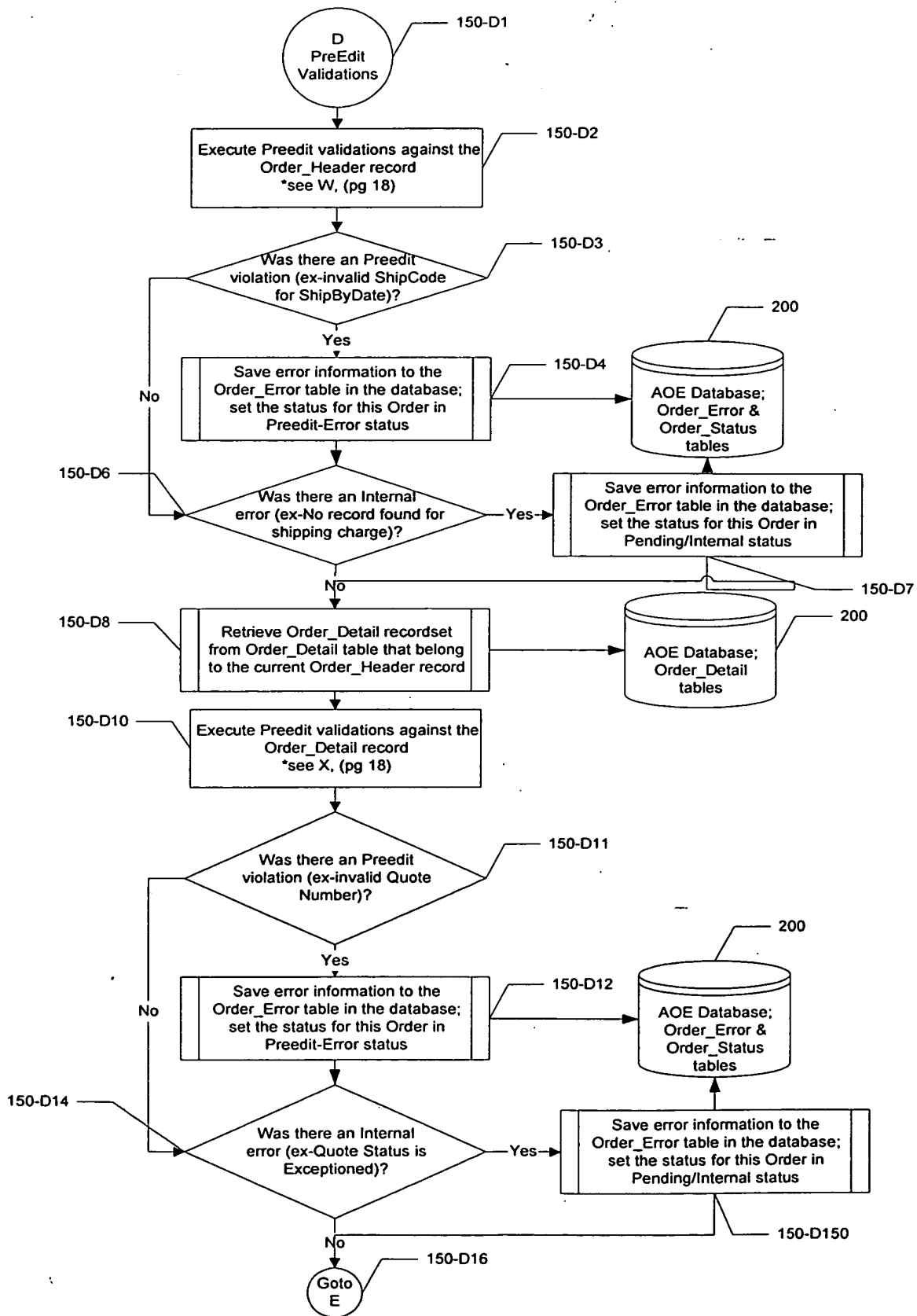


FIG. 15D

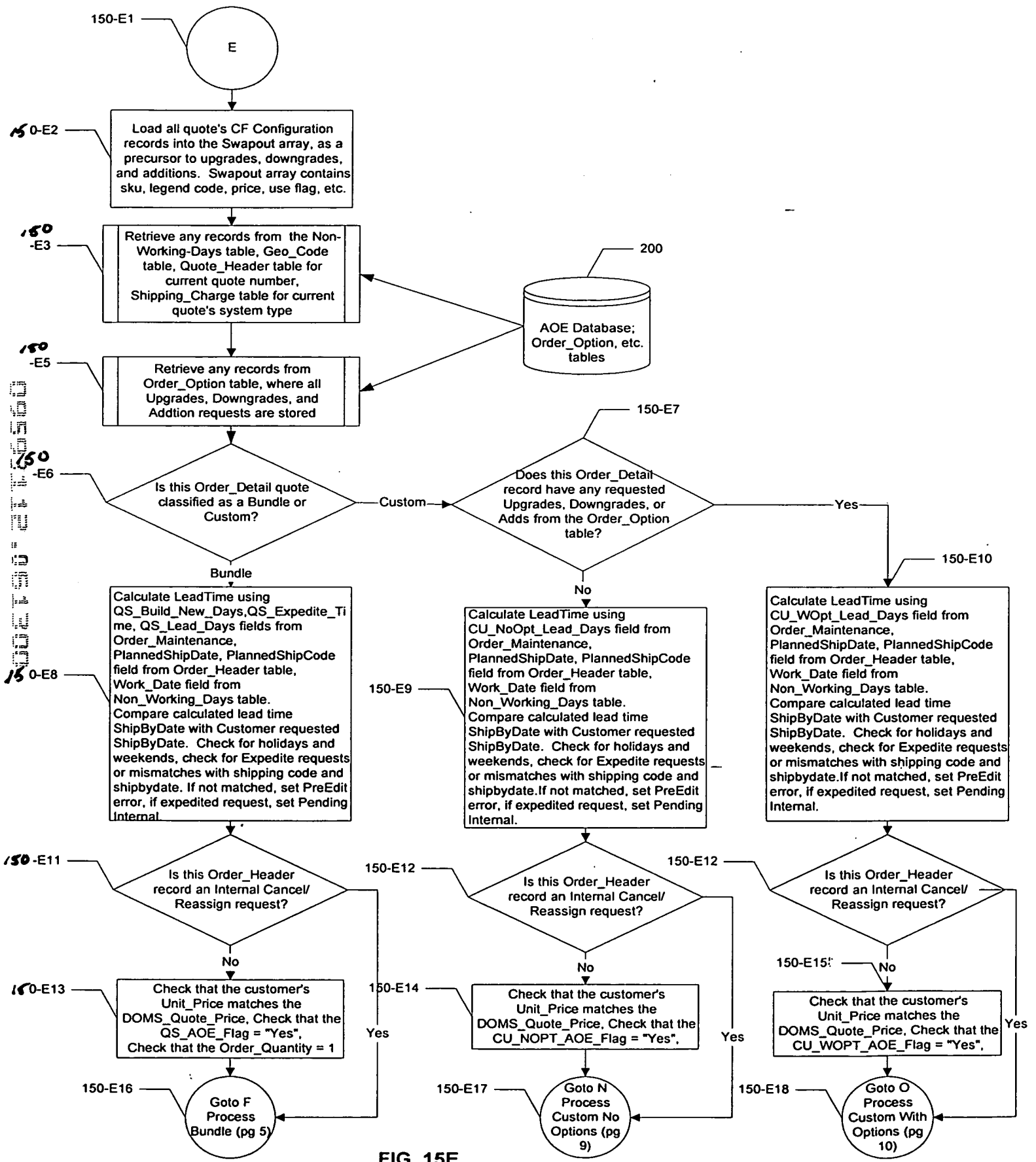


FIG. 15E

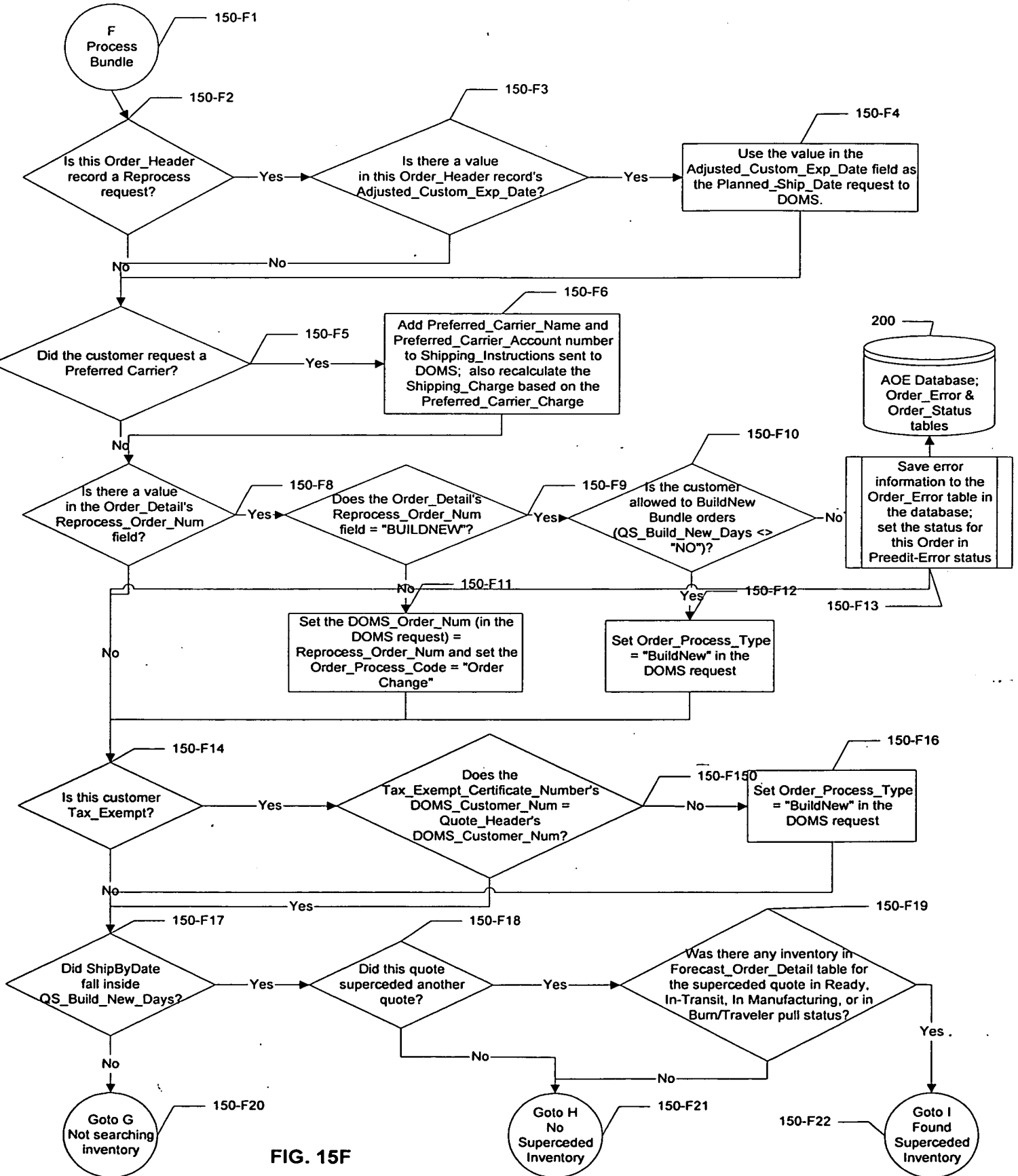
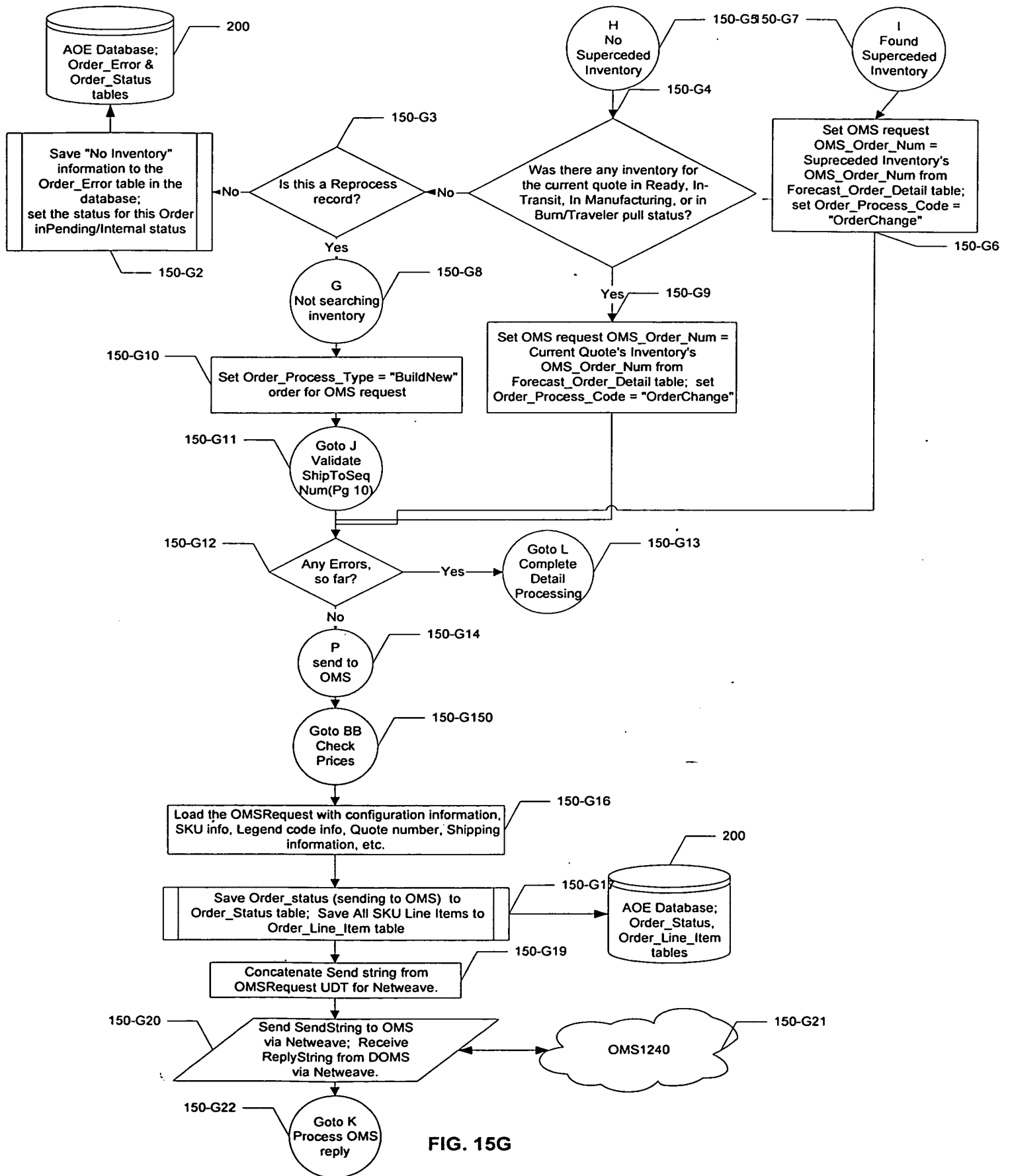


FIG. 15F



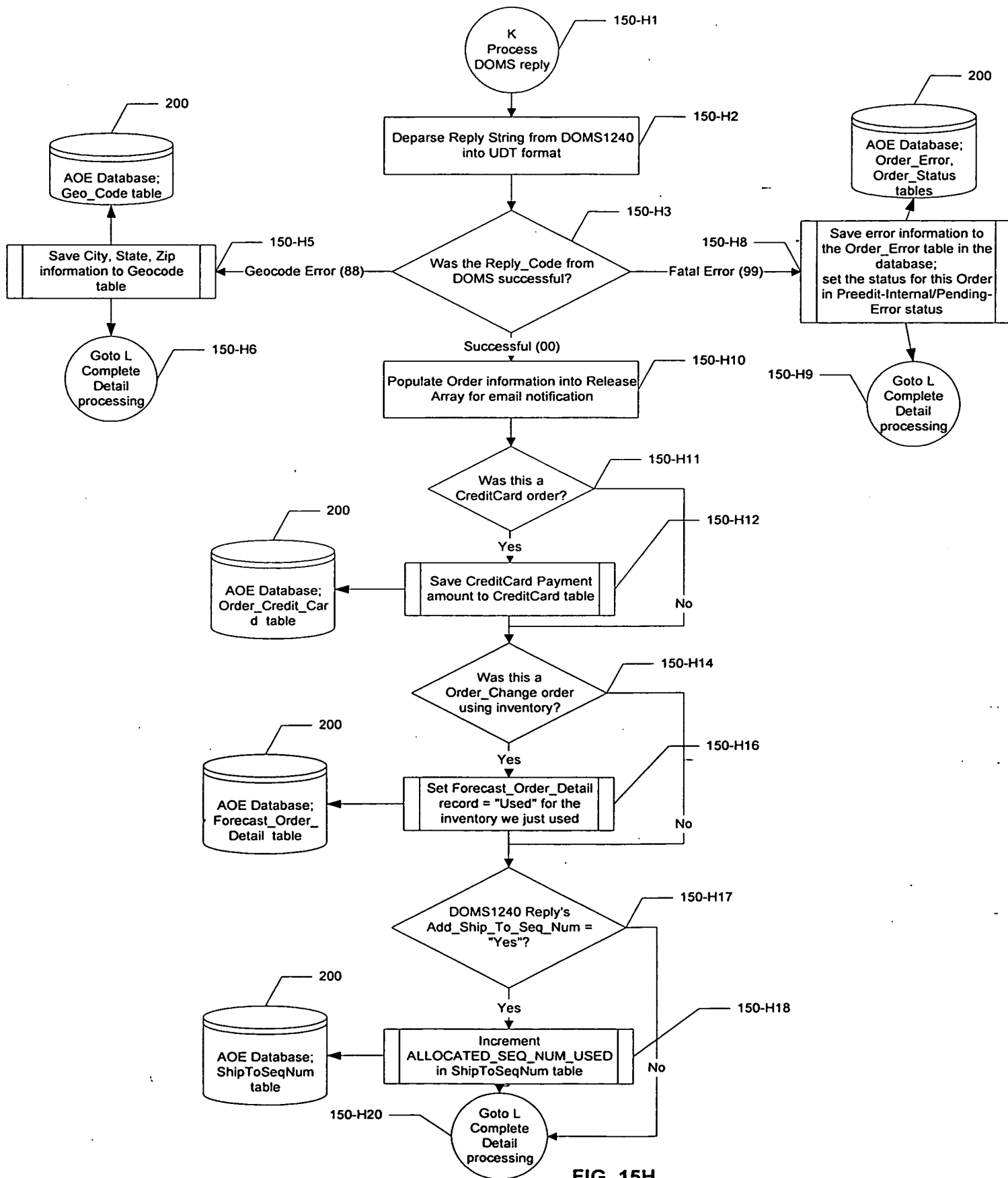


FIG. 15H

```

graph TD
    150-11((L Complete Detail processing)) --> 150-12{Last record for this OrderHeader recordset?}
    150-12 -- No --> 150-13((Goto M Next Header Record))
    150-12 -- Yes --> 150-14[Retrieve email recipient addresses from Order_Email_Addr table]
    200[(AOE Database; Order_Email_Addr table)] --> 150-14
    150-14 --> 150-16{Was there an order request for a quote with inventory not in "Ready" status or no inventory?}
    150-16 -- Yes --> 150-17[Email an Inventory message with an Excel file containing the inventory information to the list of email recipients from the Order_Email database table]
    150-16 -- No --> 150-18{Was there atleast one order request placed successfully?}
    150-18 -- Yes --> 150-19[Email an Order Summary with an Excel file of all of the order information to the list of email recipients from the Order_Email database table]
    150-18 -- No --> 150-110{Were all orders in PreEdit or Pending/ Internal status?}
    150-110 -- Yes --> 150-111[Email an Pending OR Exception message to the list of email recipients from the Order_Email database table]
    150-110 -- No --> 150-112{Was this record from an Internal Reassign, FTP File, or Reprocess?}
    150-112 -- Internal Reassign --> 150-113((Goto Y Retrieve FTP files))
    150-112 -- FTP File --> 150-114{Are there anymore files in the file directory waiting to be processed?}
    150-114 -- Yes --> 150-115((Goto B Loop for each Order file retrieved from the FTP Site))
    150-114 -- No --> 150-116((Goto AA Find any Reprocess orders))
    150-112 -- Reprocess --> 150-117([END])

```

FIG. 15I

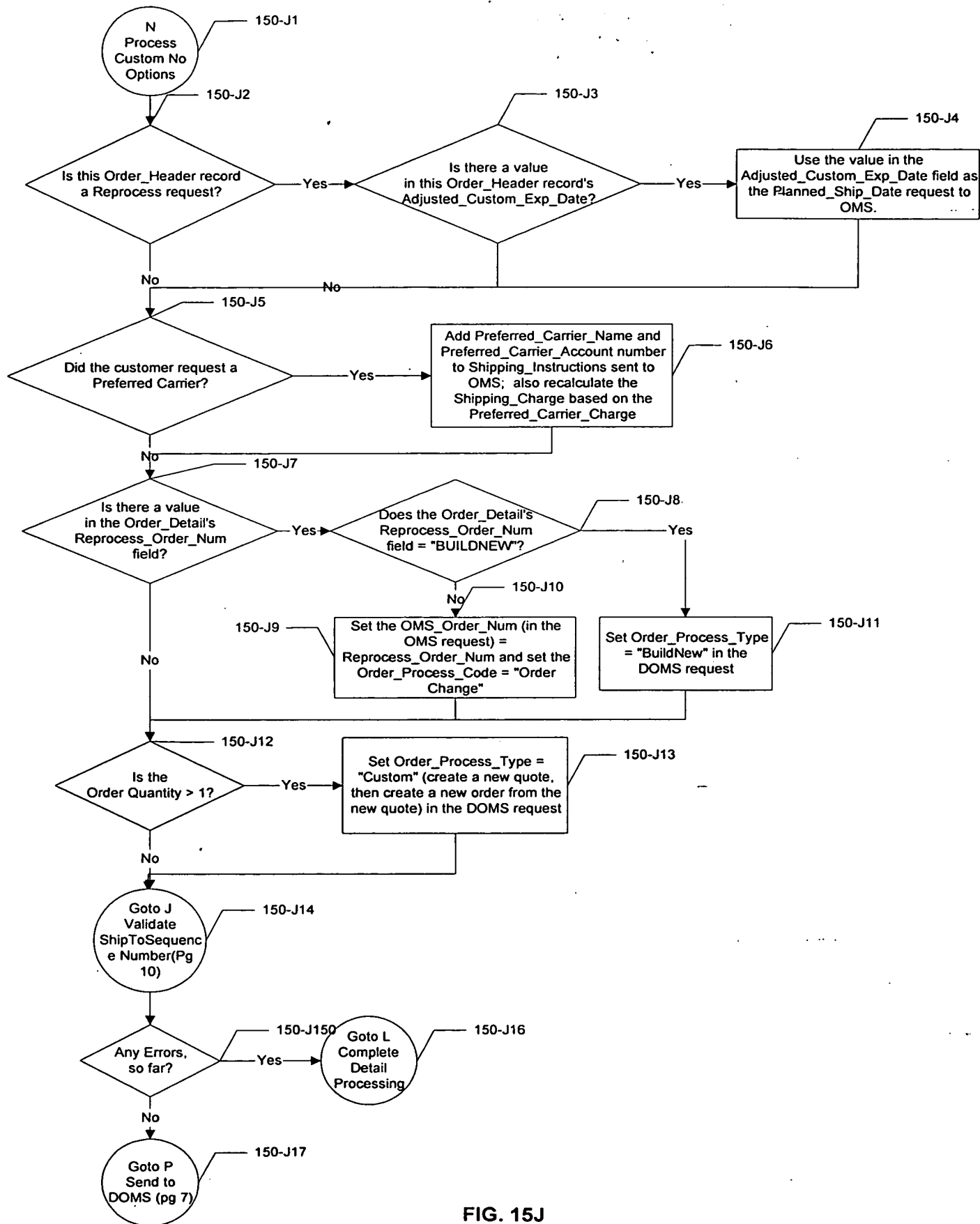


FIG. 15J

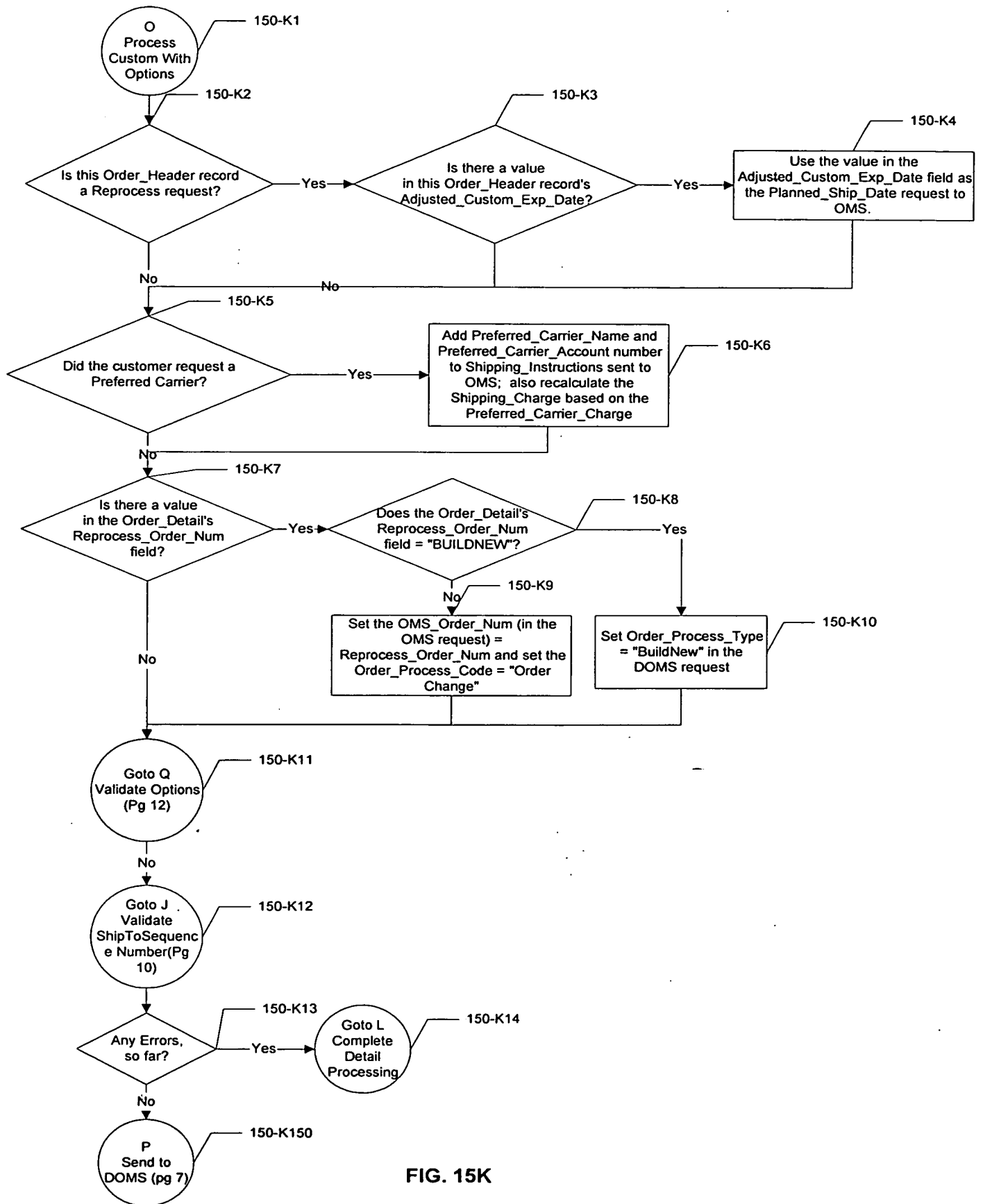


FIG. 15K

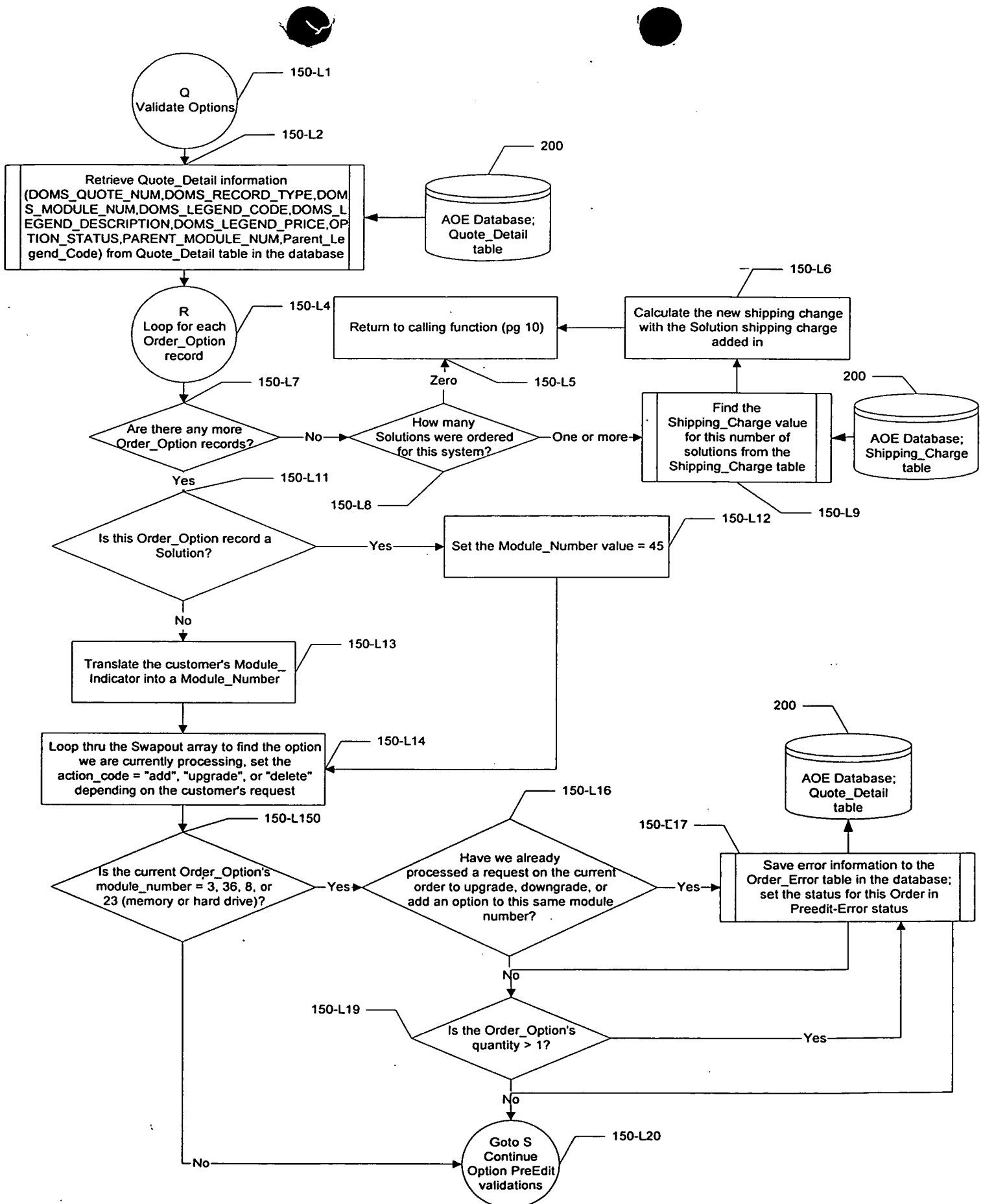


FIG. 15L

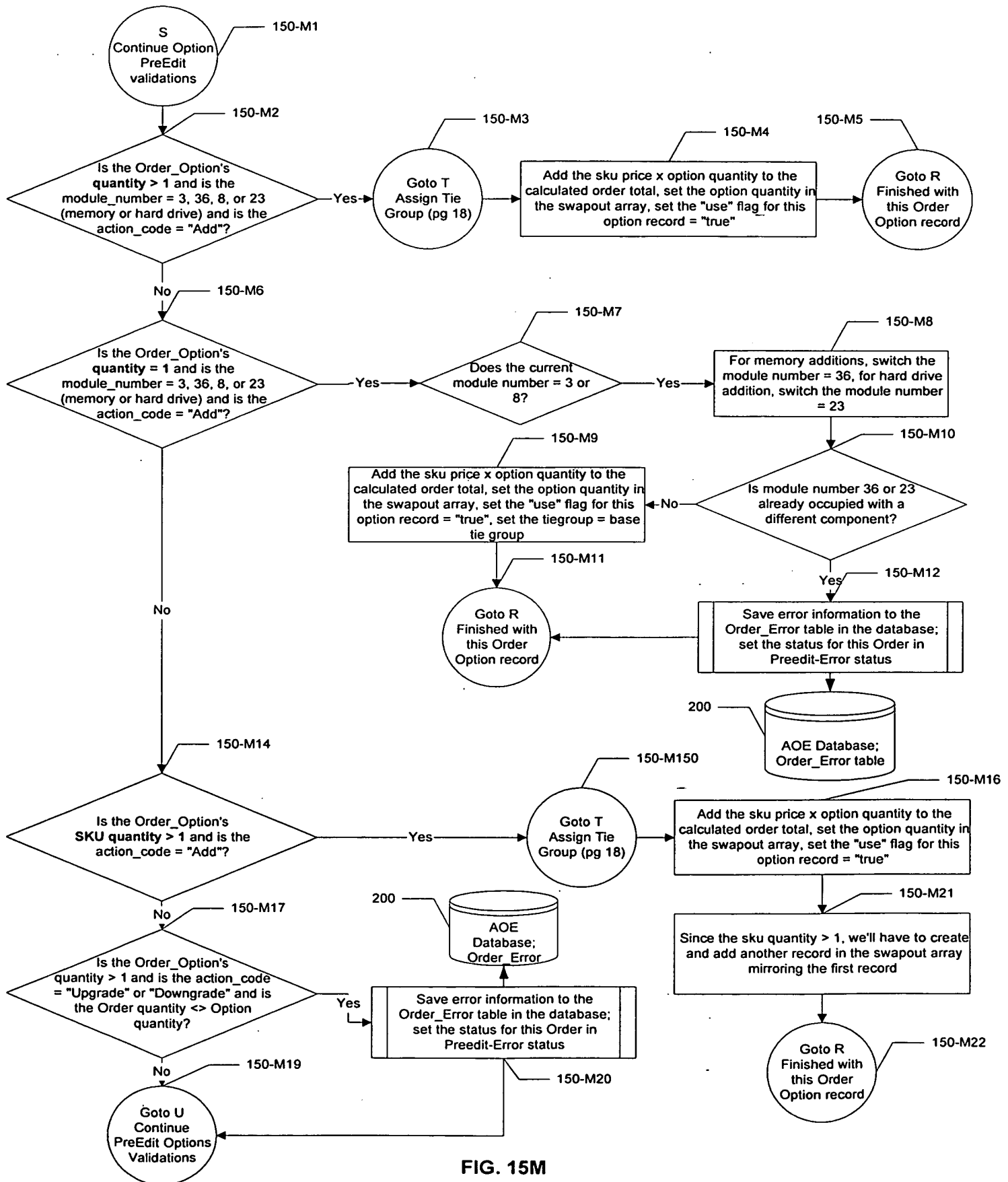


FIG. 15M

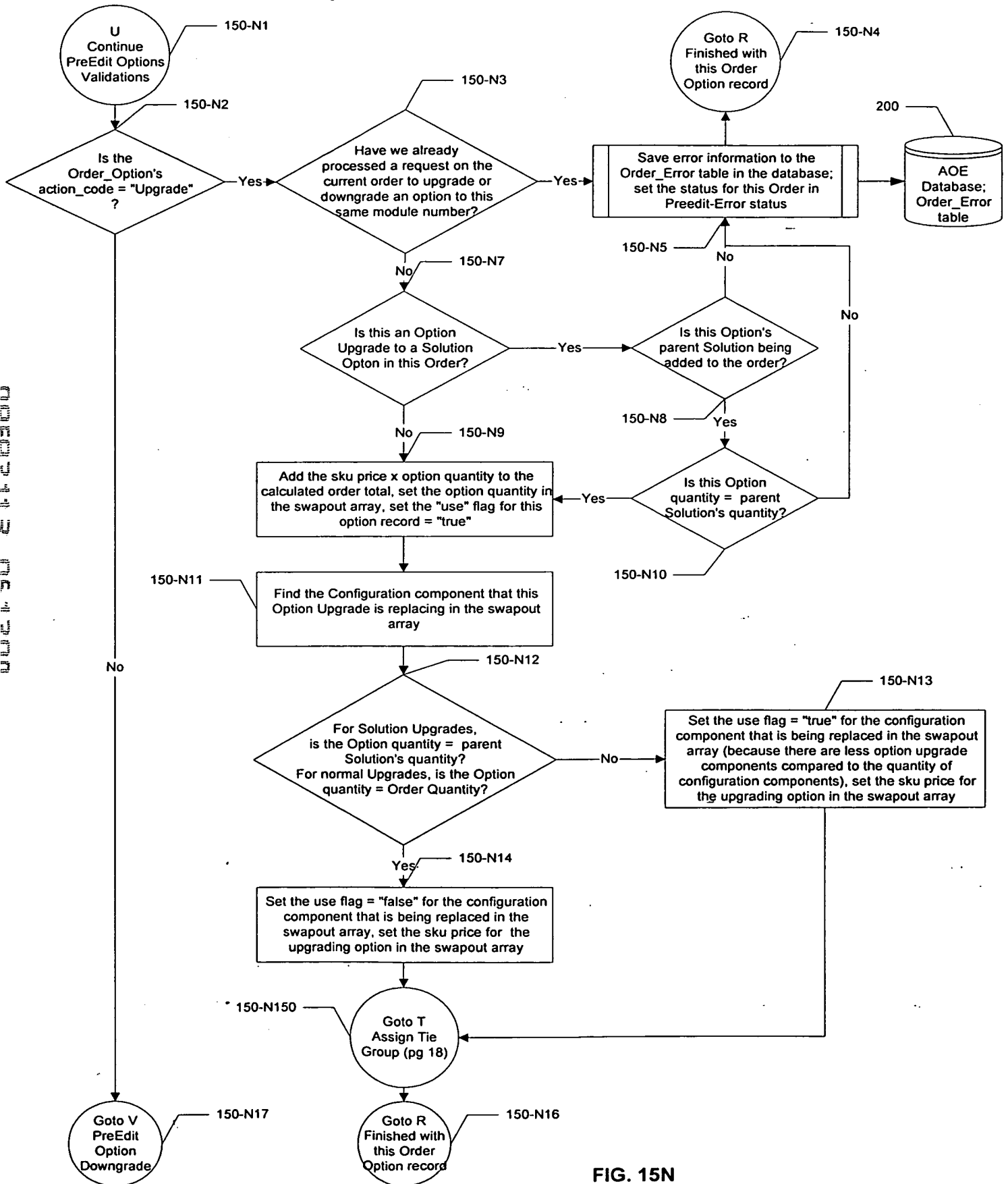


FIG. 15N

0050343 064000

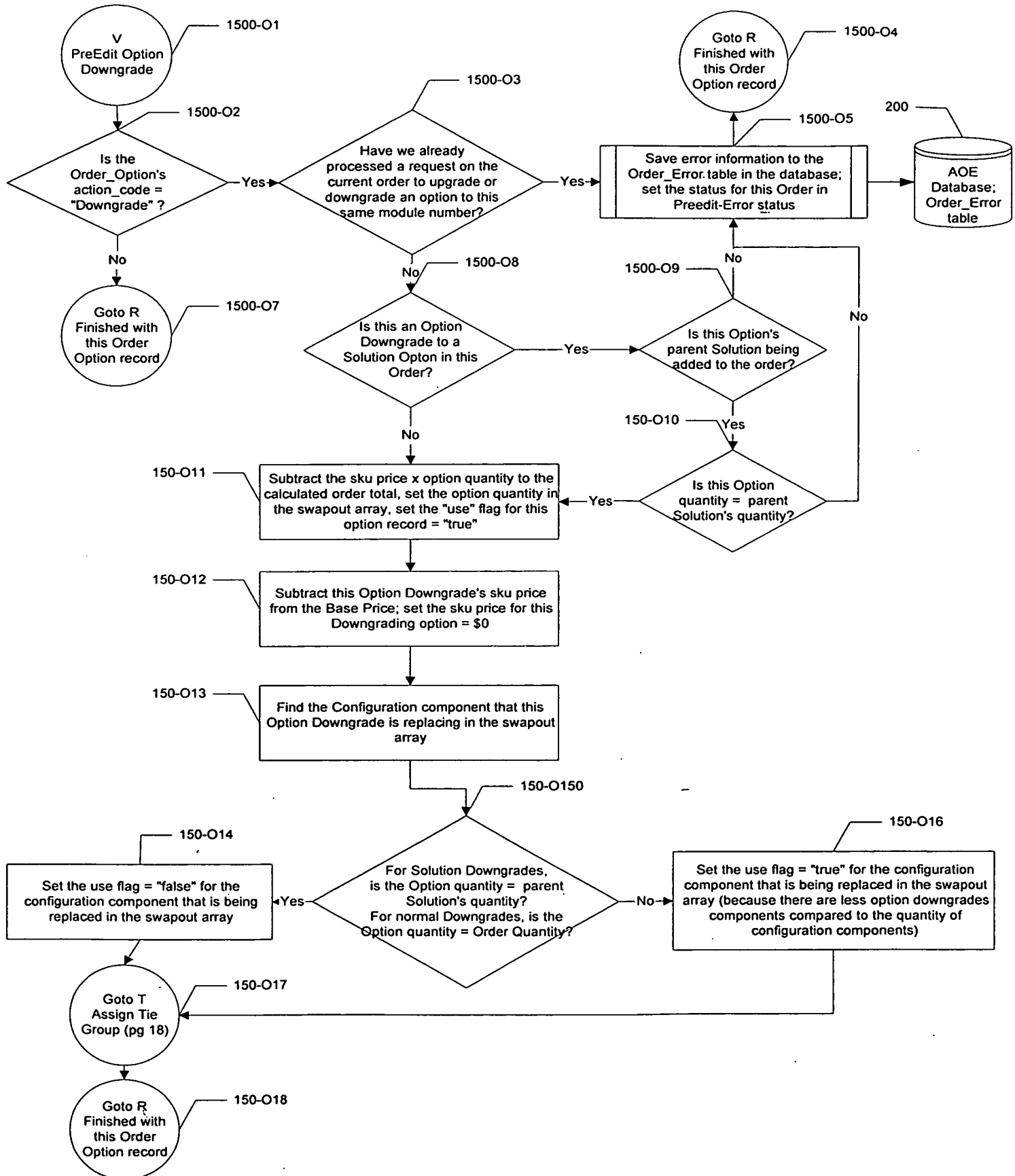


FIG. 150

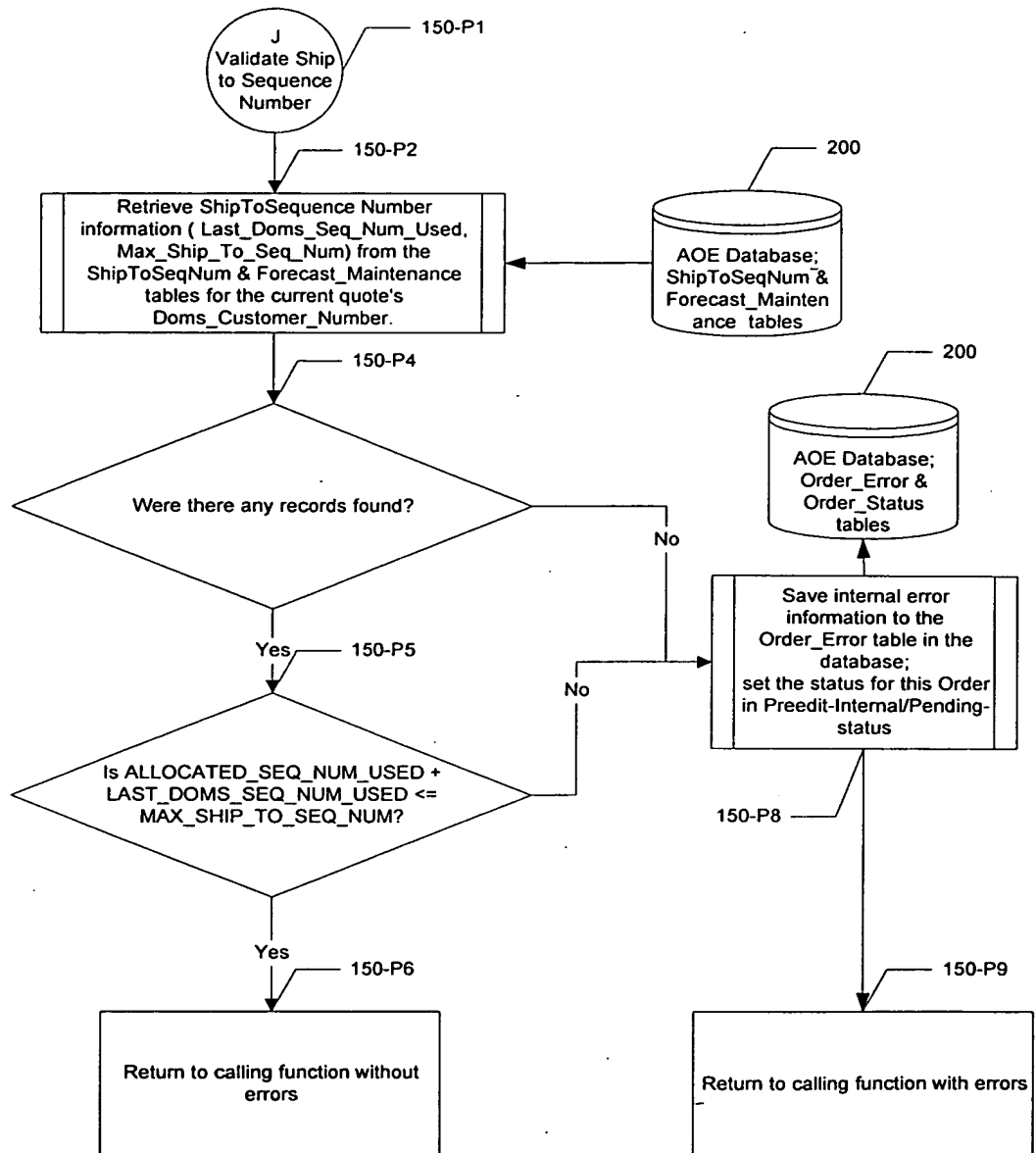


FIG. 15P

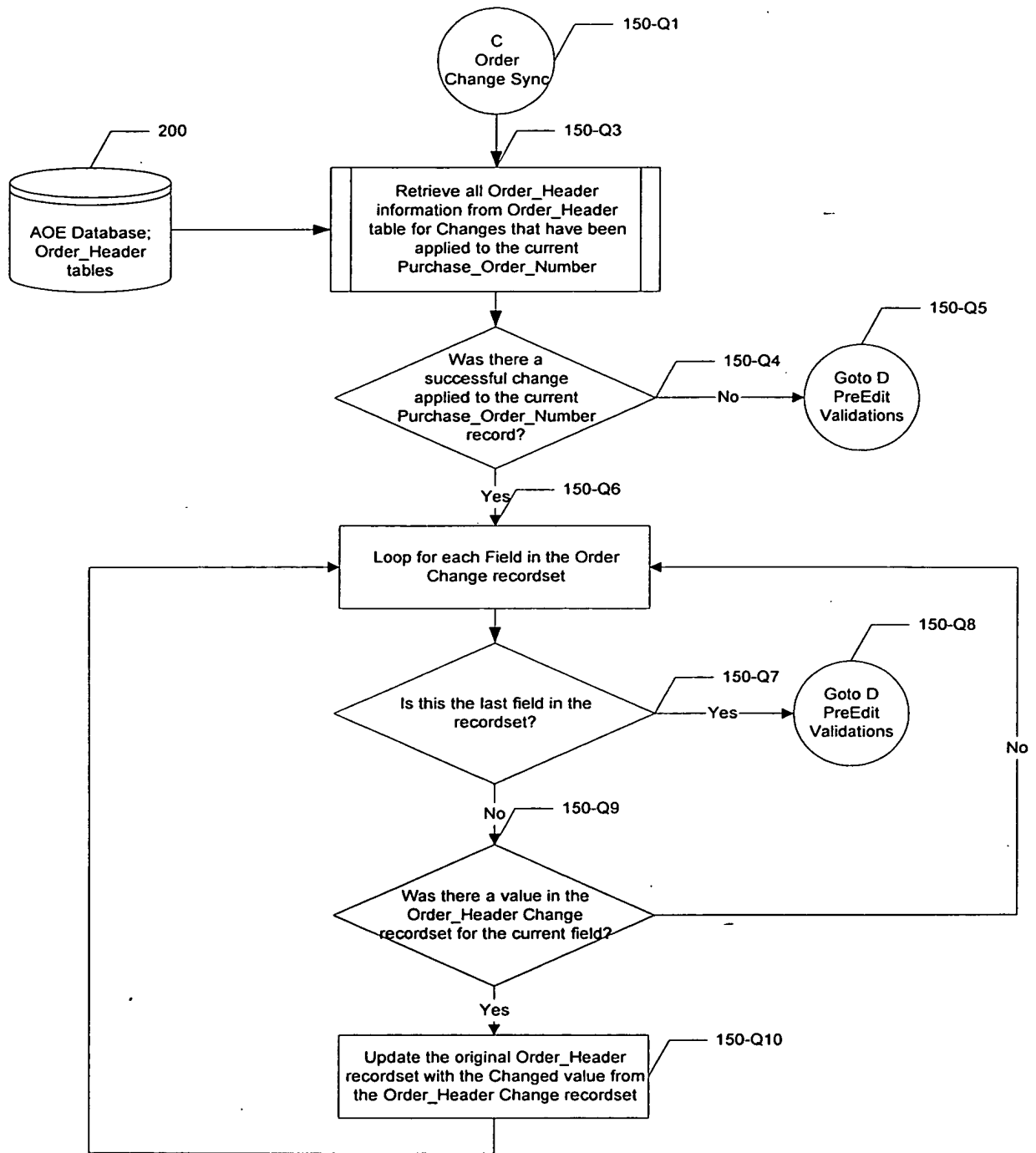


FIG. 15Q

002150-212050

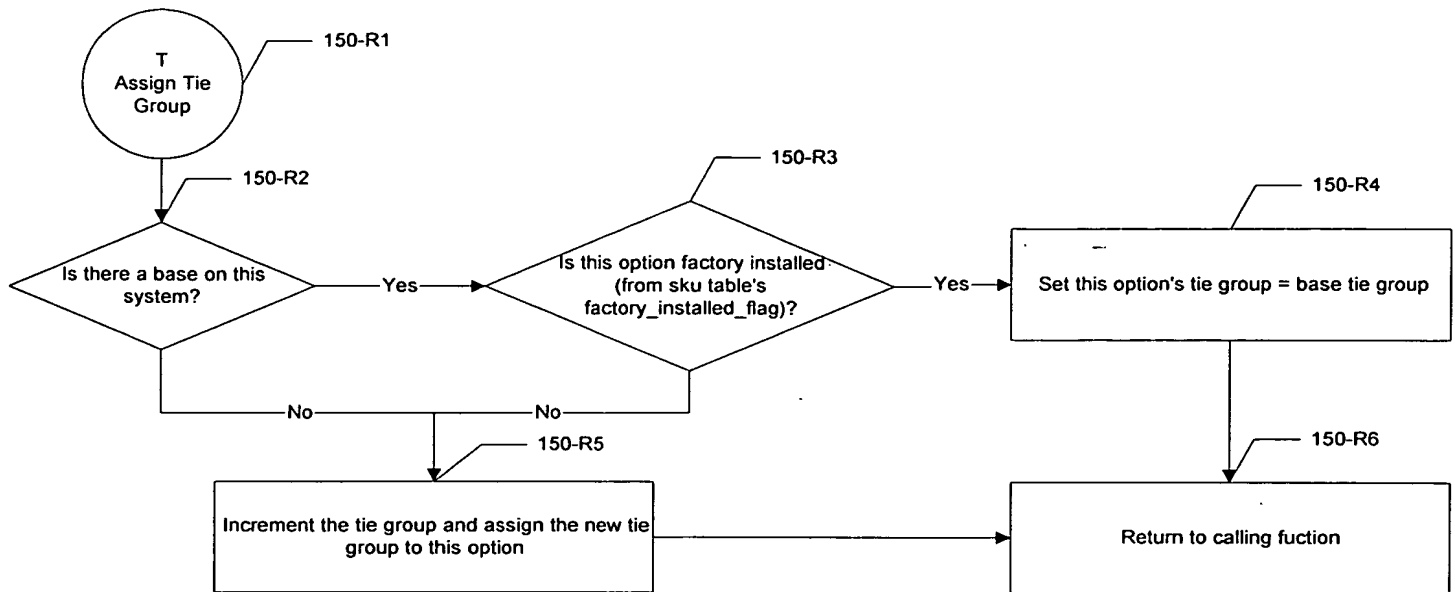


FIG. 15R

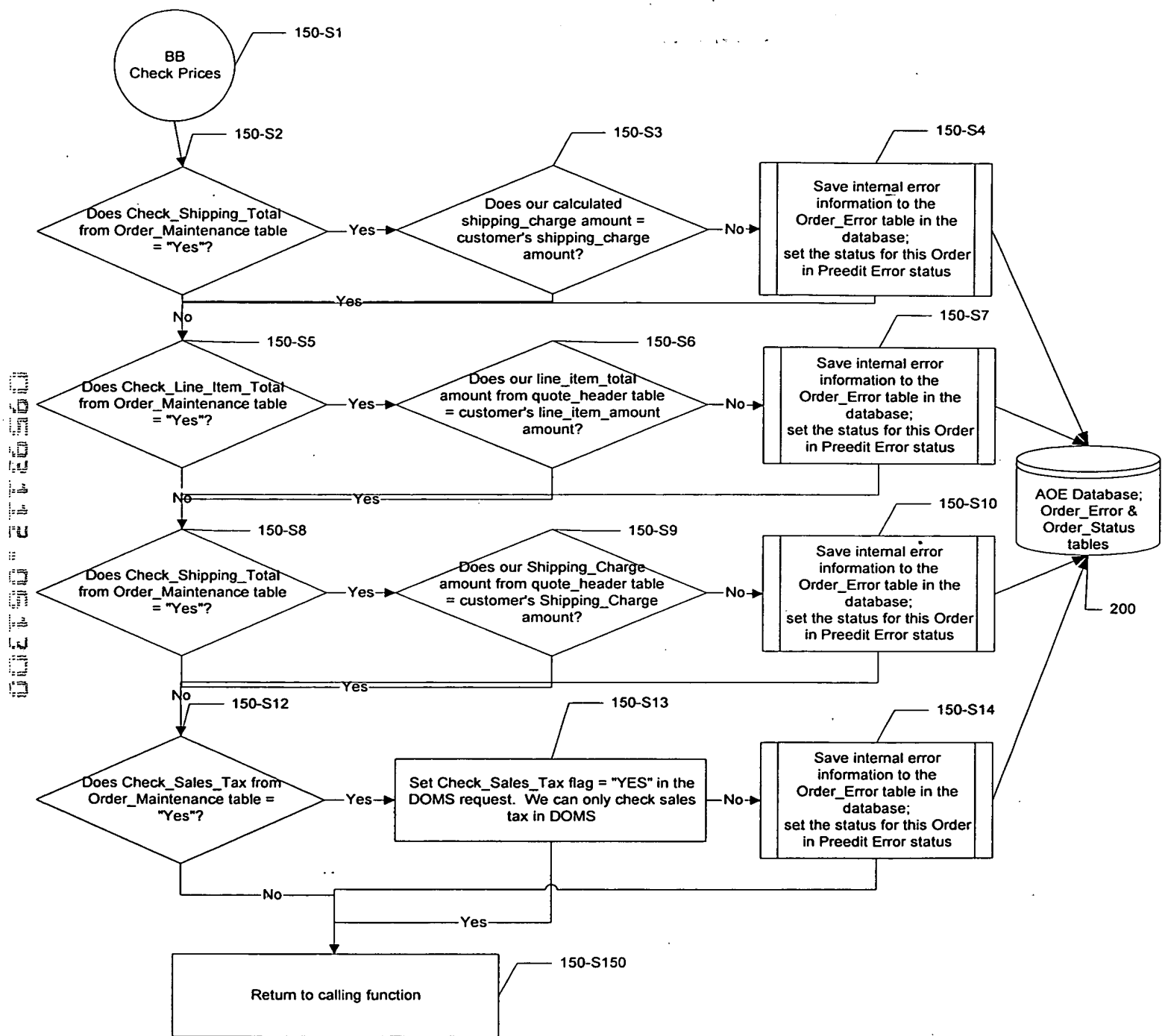


FIG. 15S

```

graph TD
    1600-1[Adding additional rules to a platform 1600-1] --> 1600-2[Providing a buffer program in the disparate platform to deparse data 1600-2]
    1600-2 --> 1600-3[Storing data in the disparate platform according to original rules 1600-3]
  
```

Fig. 16

1

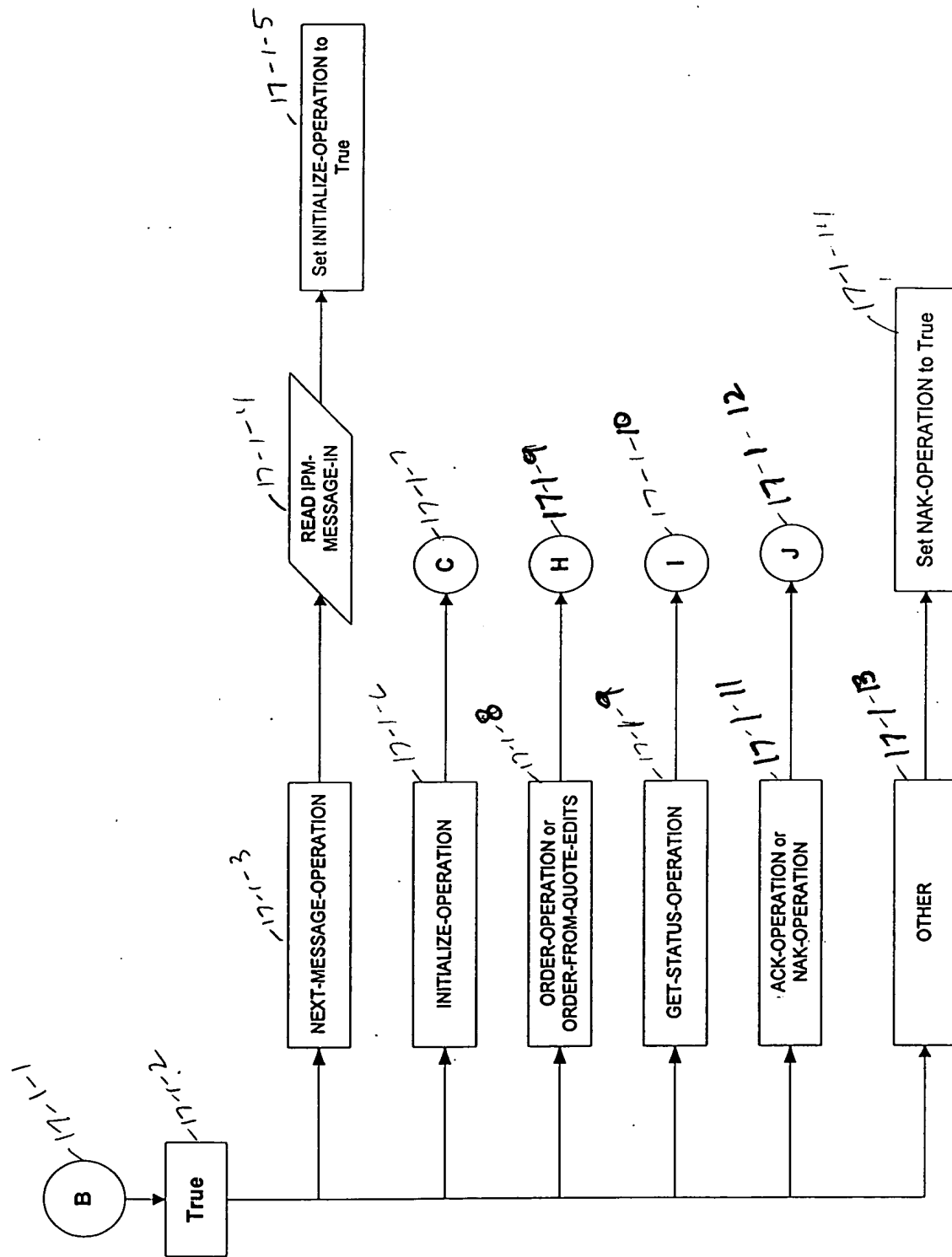


Fig. 17-1

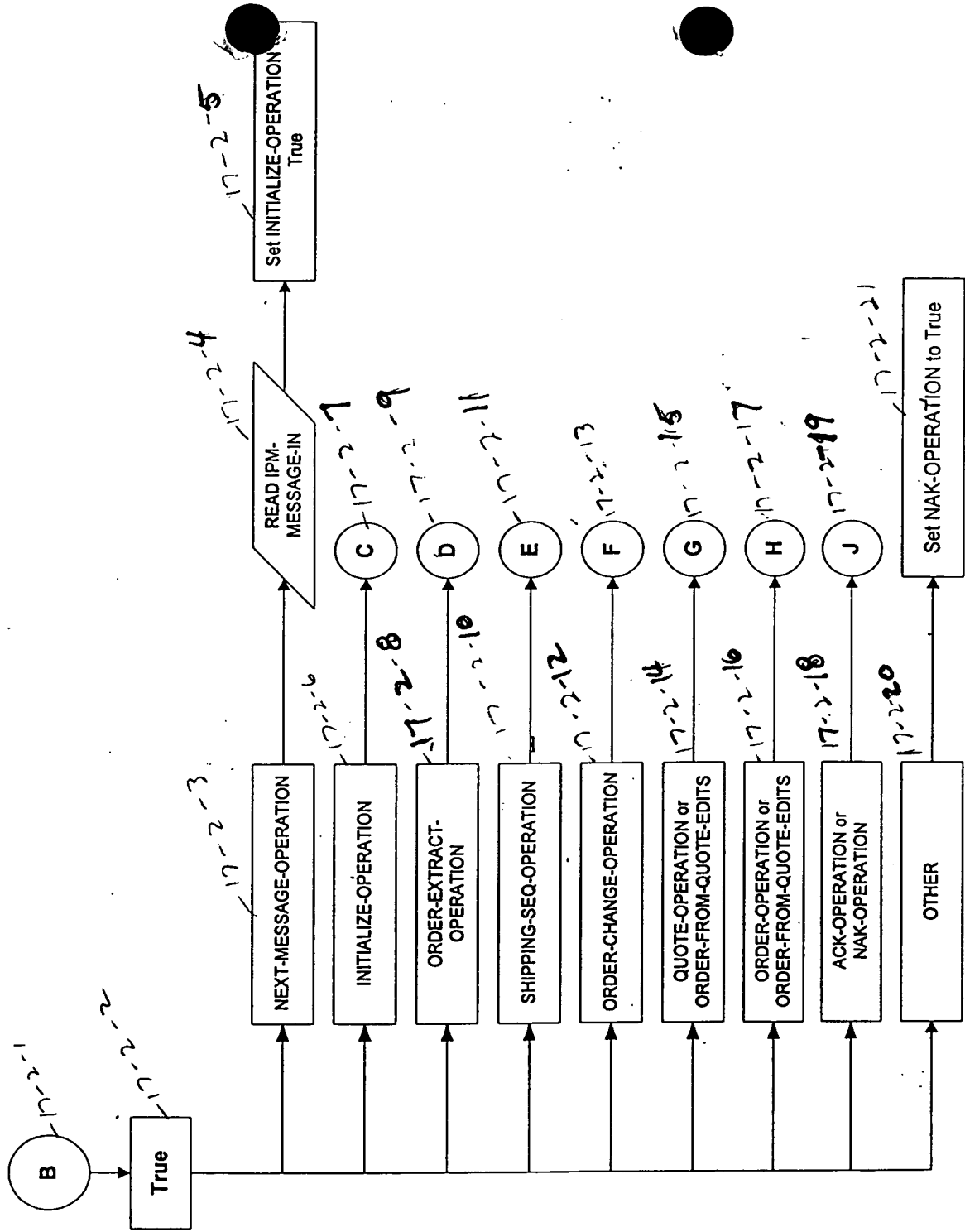
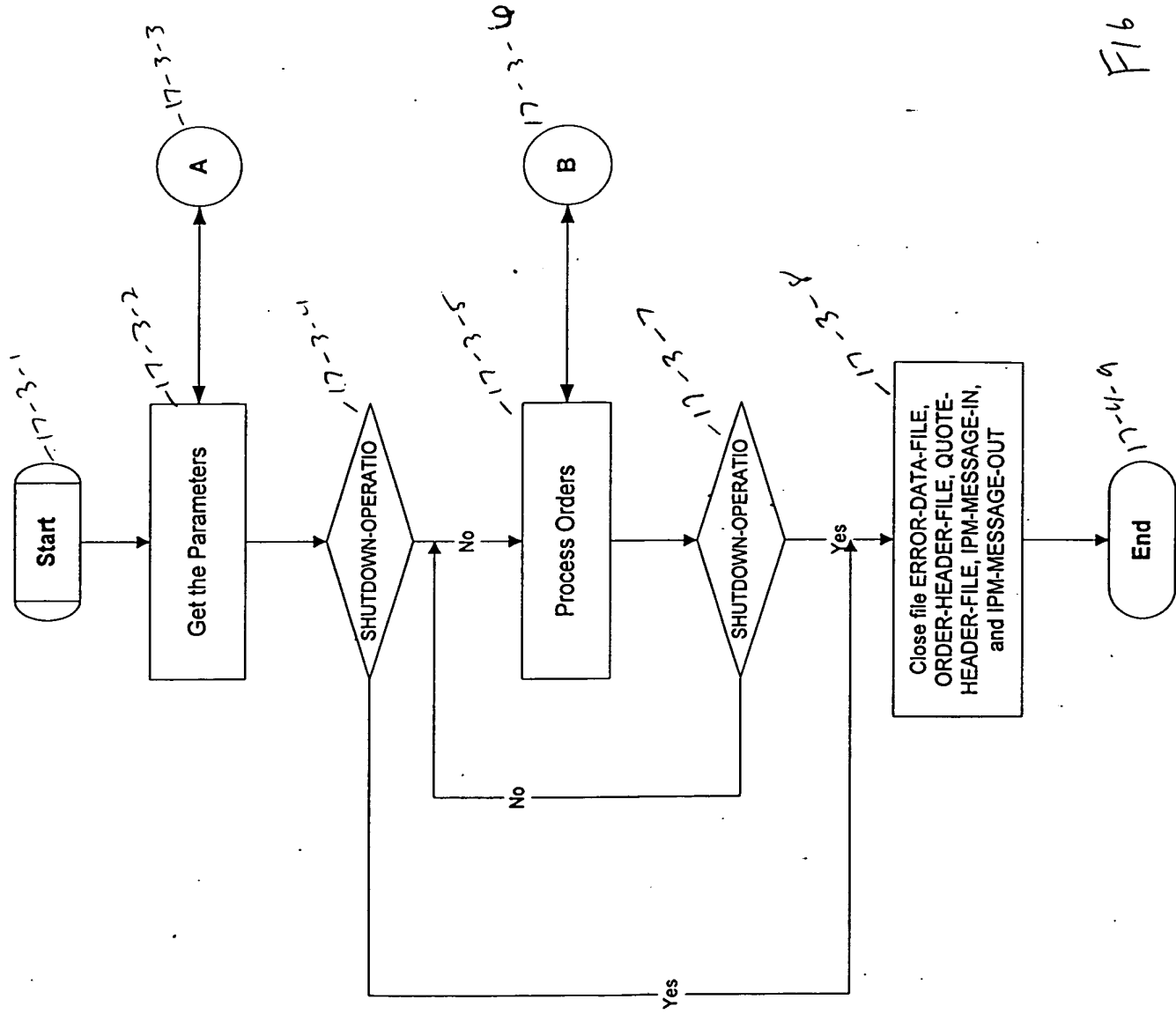


Fig 17-2



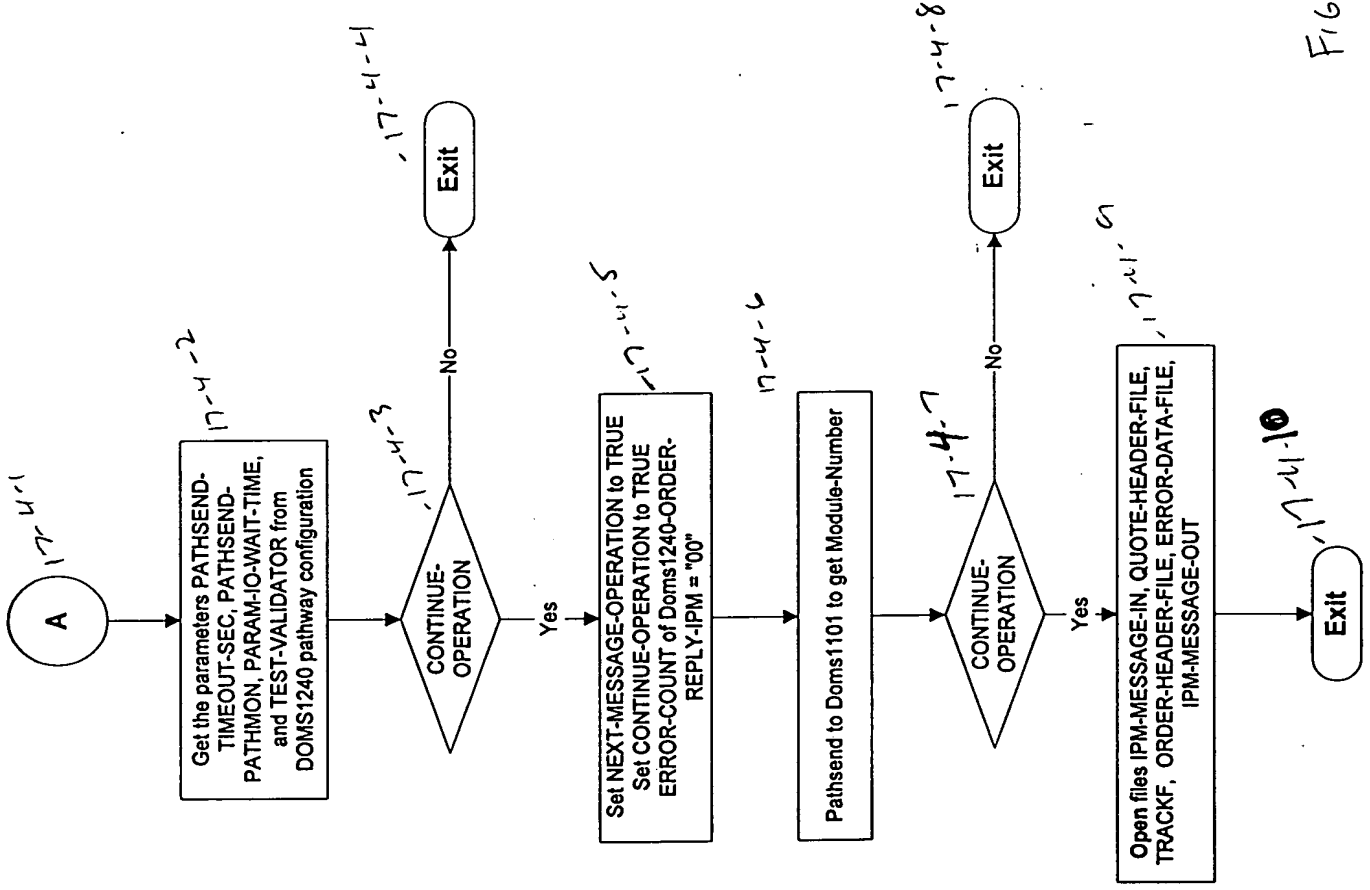
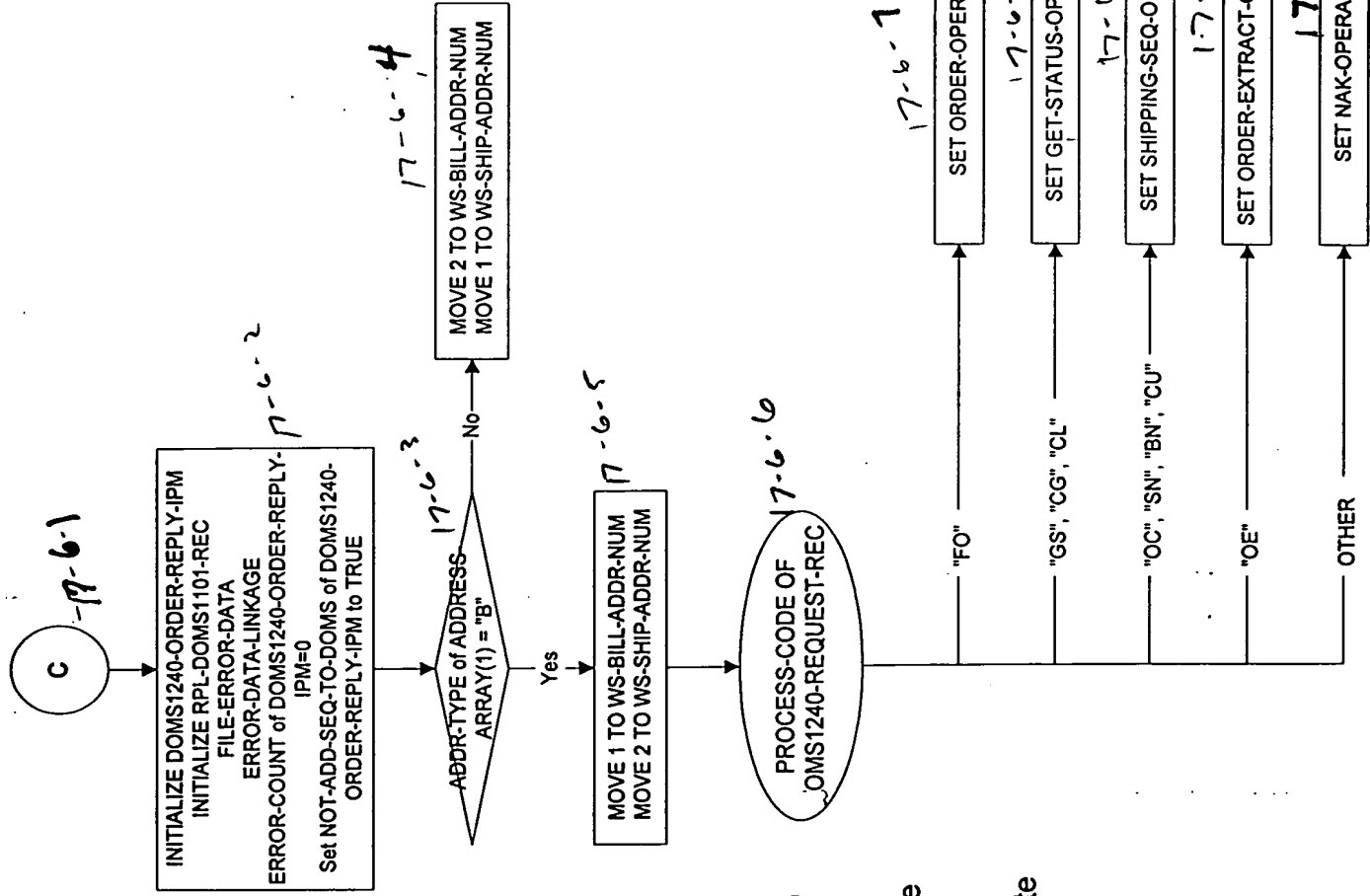


Fig 17-4

```

graph TD
    B((B)) -- 17-5-1 --> True1[True]
    True1 -- 17-5-2 --> NextMsgOp[NEXT-MESSAGE-OPERATION]
    NextMsgOp -- 17-5-3 --> ReadIPMMsgIn[/READ IPM-  
MESSAGE-IN/]
    ReadIPMMsgIn -- 17-5-4 --> SetInitOpTrue[Set INITIALIZE-OPERATION to  
True]
    SetInitOpTrue -- 17-5-5 --> InitOp[INITIALIZE-OPERATION]
    InitOp -- 17-5-6 --> C((C))
    C -- 17-5-7 --> OrderExtractOp[ORDER-EXTRACT-  
OPERATION]
    OrderExtractOp -- 17-5-8 --> D((D))
    D -- 17-5-9 --> ShippingSeqOp[SHIPPING-SEQ-OPERATION]
    ShippingSeqOp -- 17-5-10 --> E((E))
    E -- 17-5-11 --> OrderChangeOp[ORDER-CHANGE-OPERATION]
    OrderChangeOp -- 17-5-12 --> F((F))
    F -- 17-5-13 --> QuoteOp[QUOTE-OPERATION or  
ORDER-FROM-QUOTE-EDITS]
    QuoteOp -- 17-5-14 --> G((G))
    G -- 17-5-15 --> OrderFromQuoteEditsOp[ORDER-OPERATION or  
ORDER-FROM-QUOTE-EDITS]
    OrderFromQuoteEditsOp -- 17-5-16 --> H((H))
    H -- 17-5-17 --> GetStatusOp[GET-STATUS-OPERATION]
    GetStatusOp -- 17-5-18 --> I((I))
    I -- 17-5-19 --> AckOp[ACK-OPERATION or  
NAK-OPERATION]
    AckOp -- 17-5-20 --> J((J))
    J -- 17-5-21 --> OtherOp[OTHER]
    OtherOp -- 17-5-22 --> SetNakOpTrue[Set NAK-OPERATION to True]
    SetNakOpTrue -- 17-5-23 --> End(( ))
  
```

FIG 17-5



Process code values are:

- * FO = Retrieve a bundled quote (no options)
- * GS = Retrieve Order Status from Order-Header-File
- * CG = Order Cancel/Change - Order Change
- * CL = Order Cancel/Change - Order Cancel
- * OC = Order Change
- * BN = Generate an order using existing quote
- * CU = Customer Orders - generate a quote and an order
- * SN= Get Ship-To-Seq number

(ORDER-EXTRACT-OPERATION)

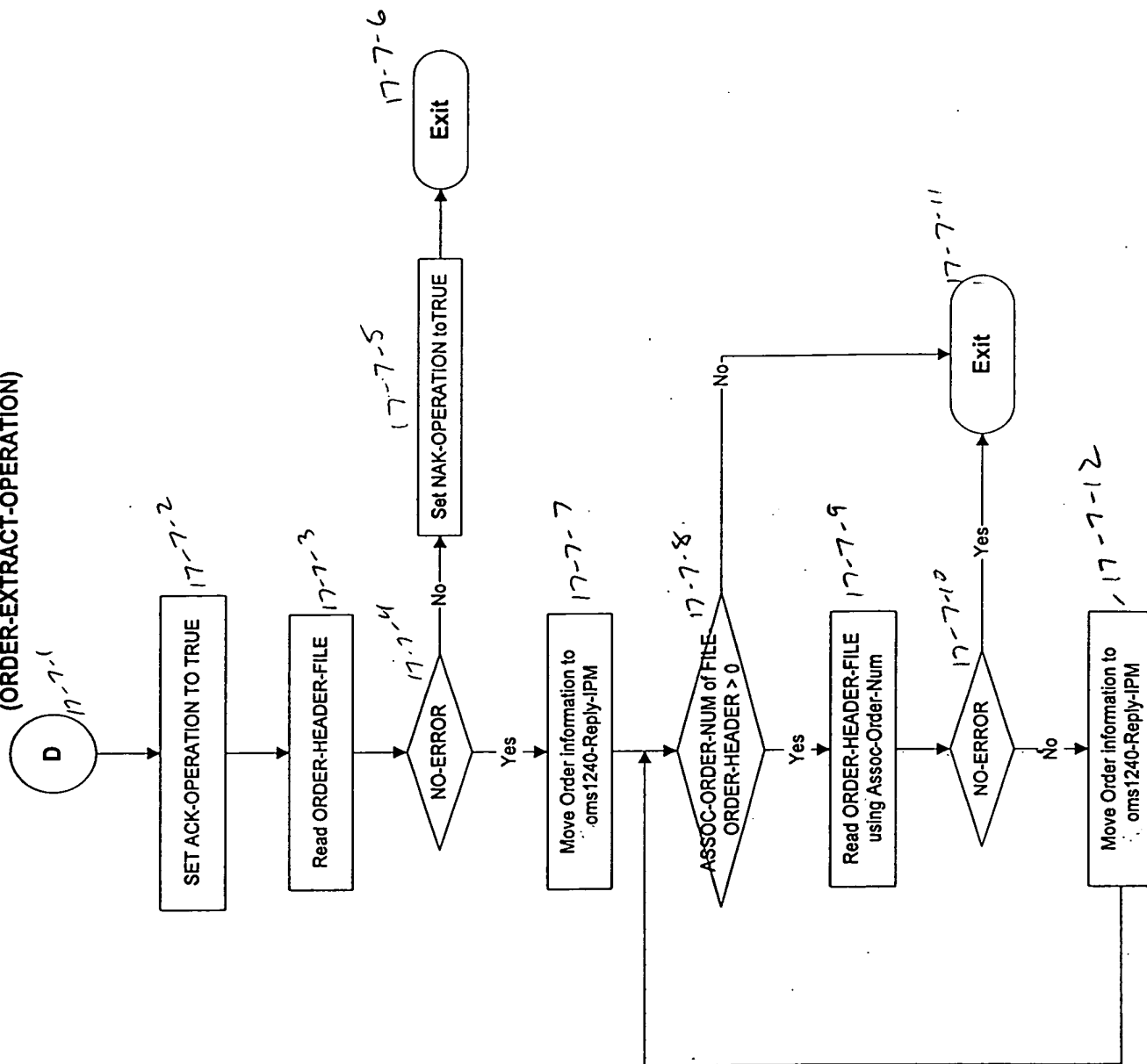


FIG. 17-7

(SHIPPING-SEQ-OPERATION)

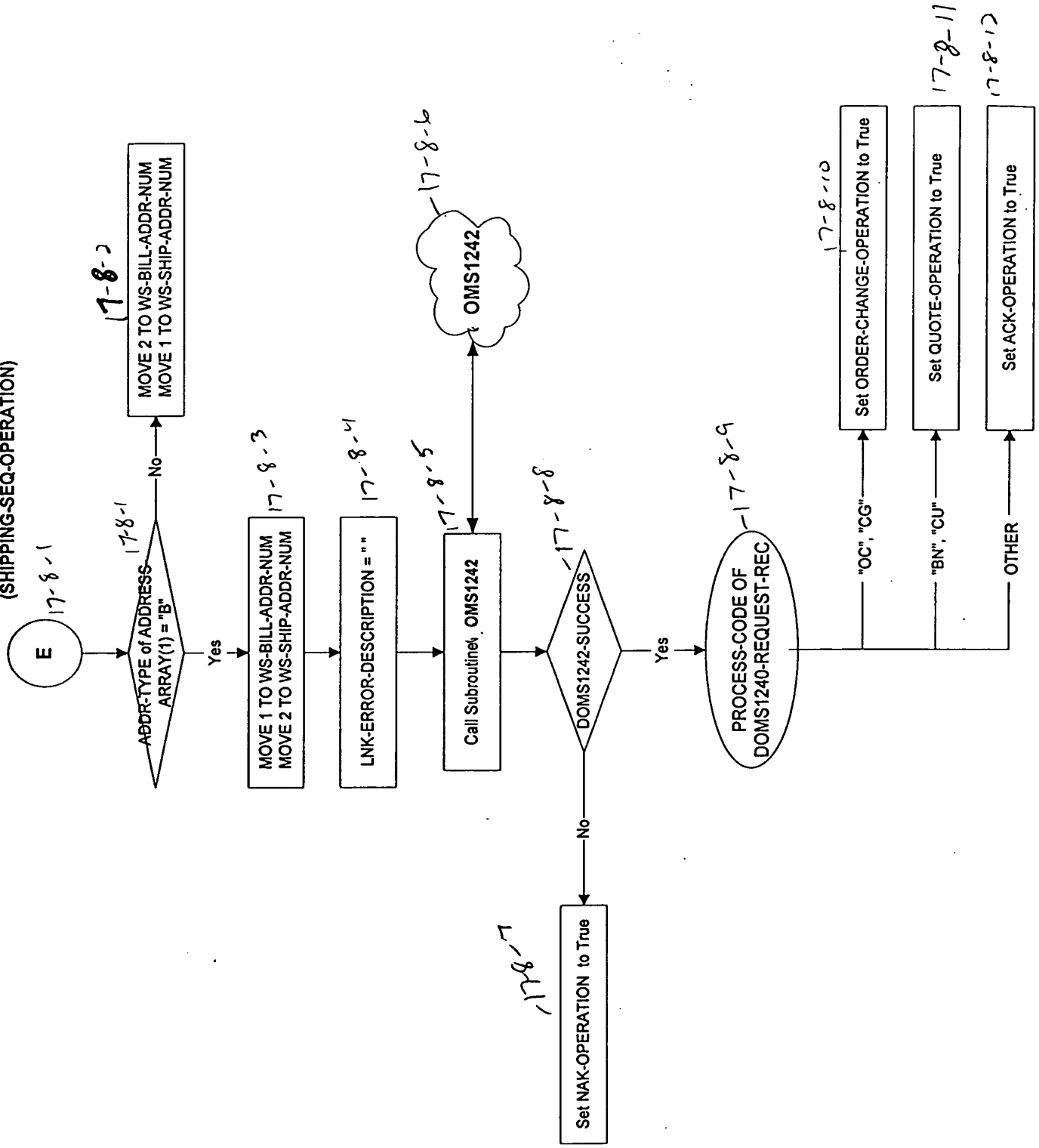


Fig. 17-8

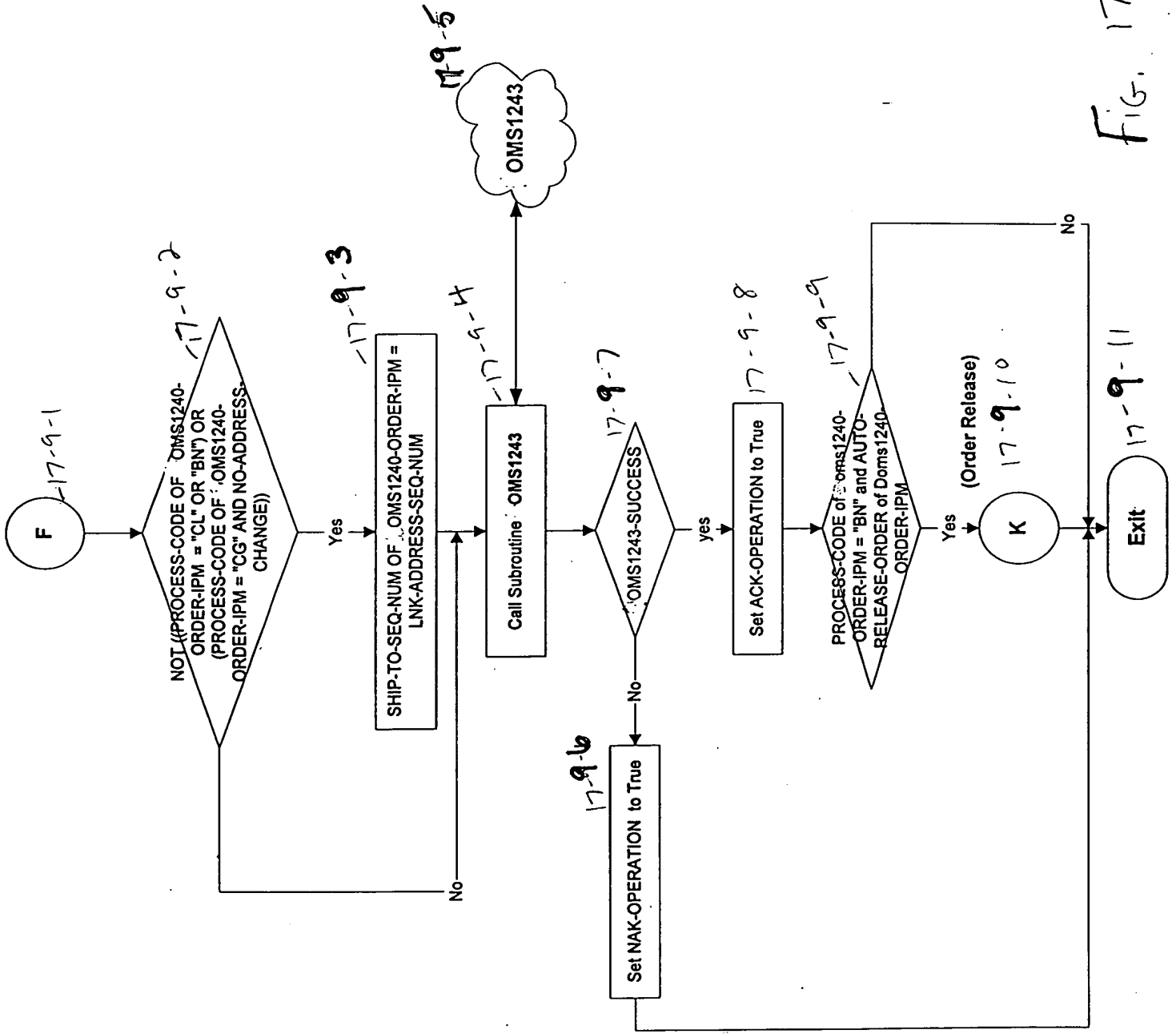


Fig. 17-9

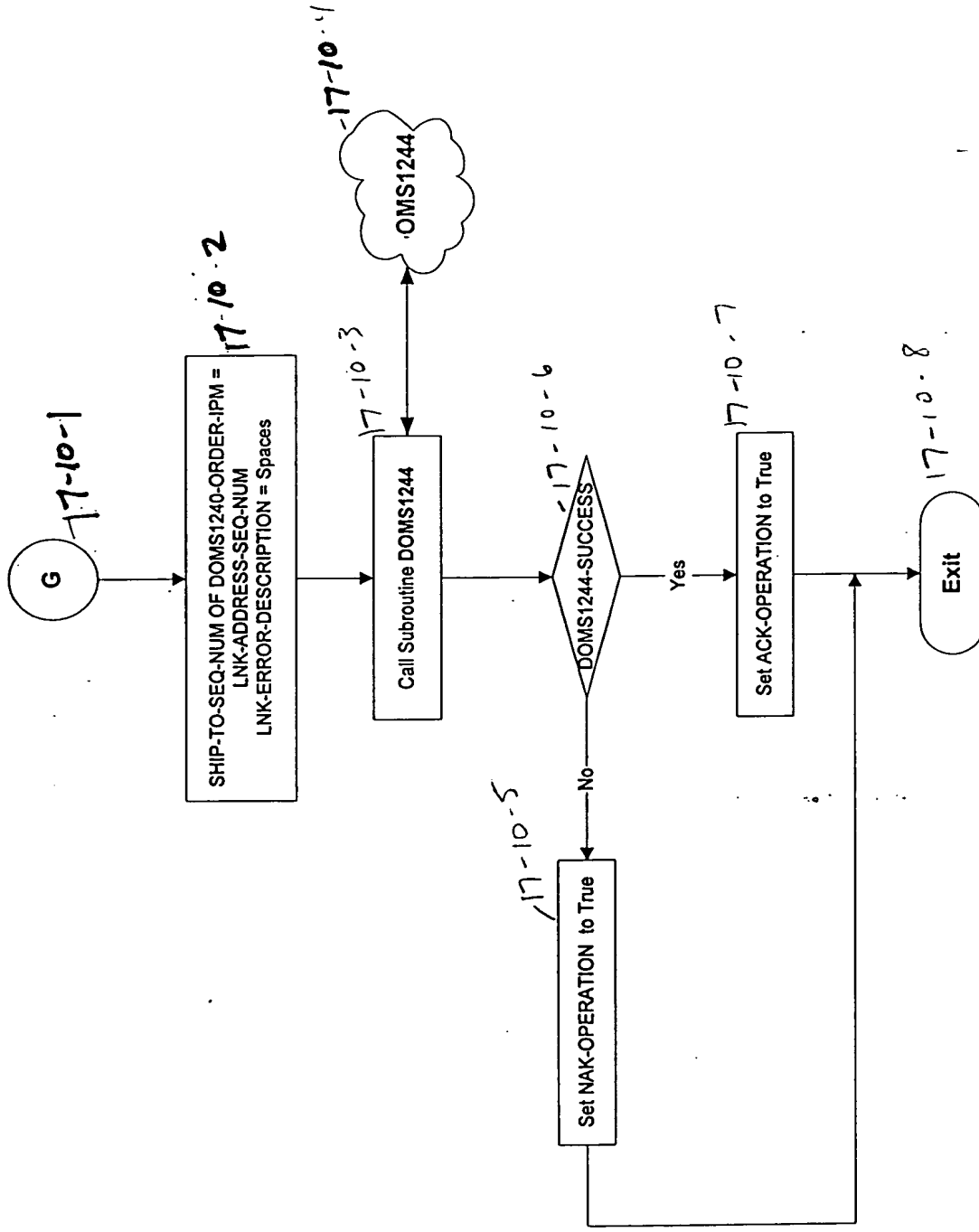


Fig. 17-10

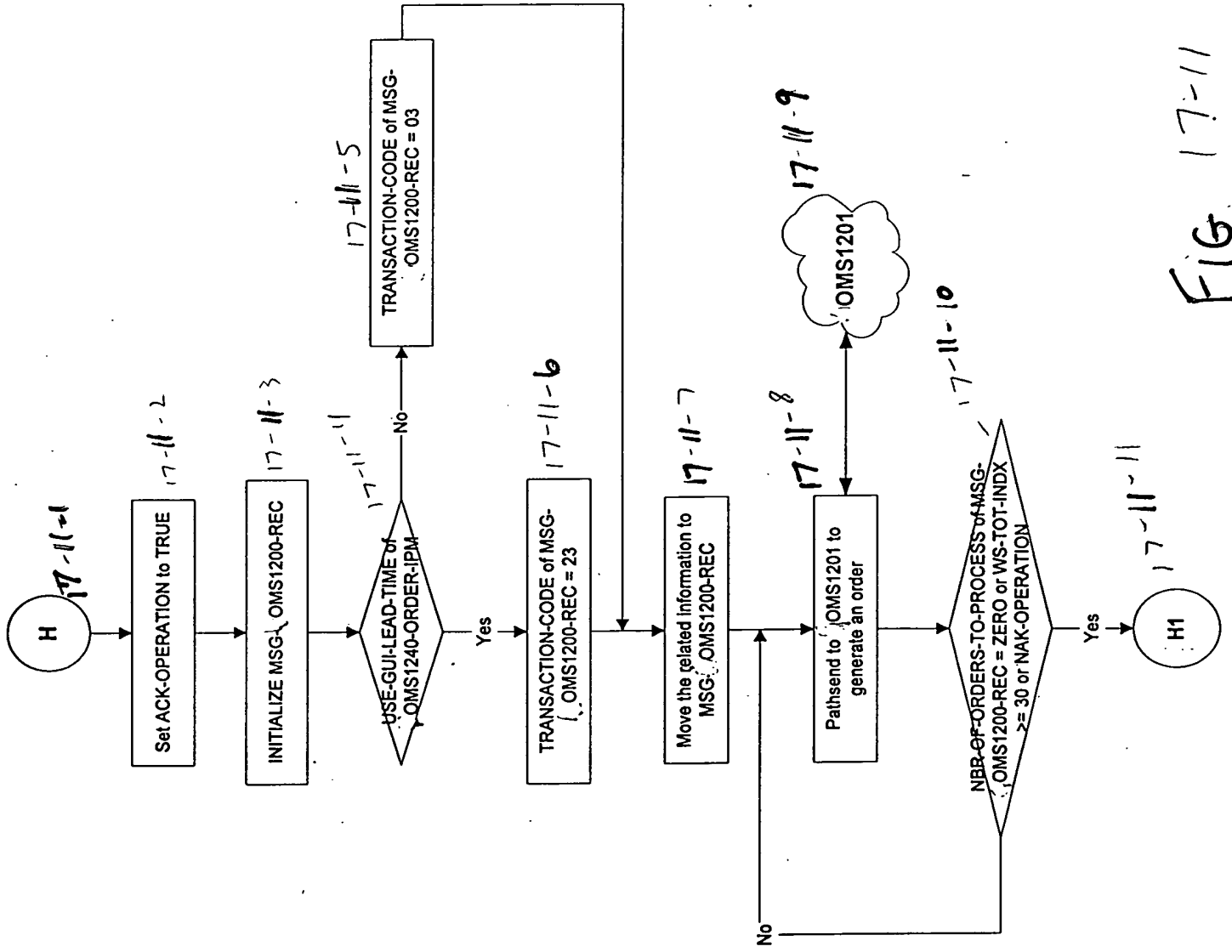


FIG. 17-11

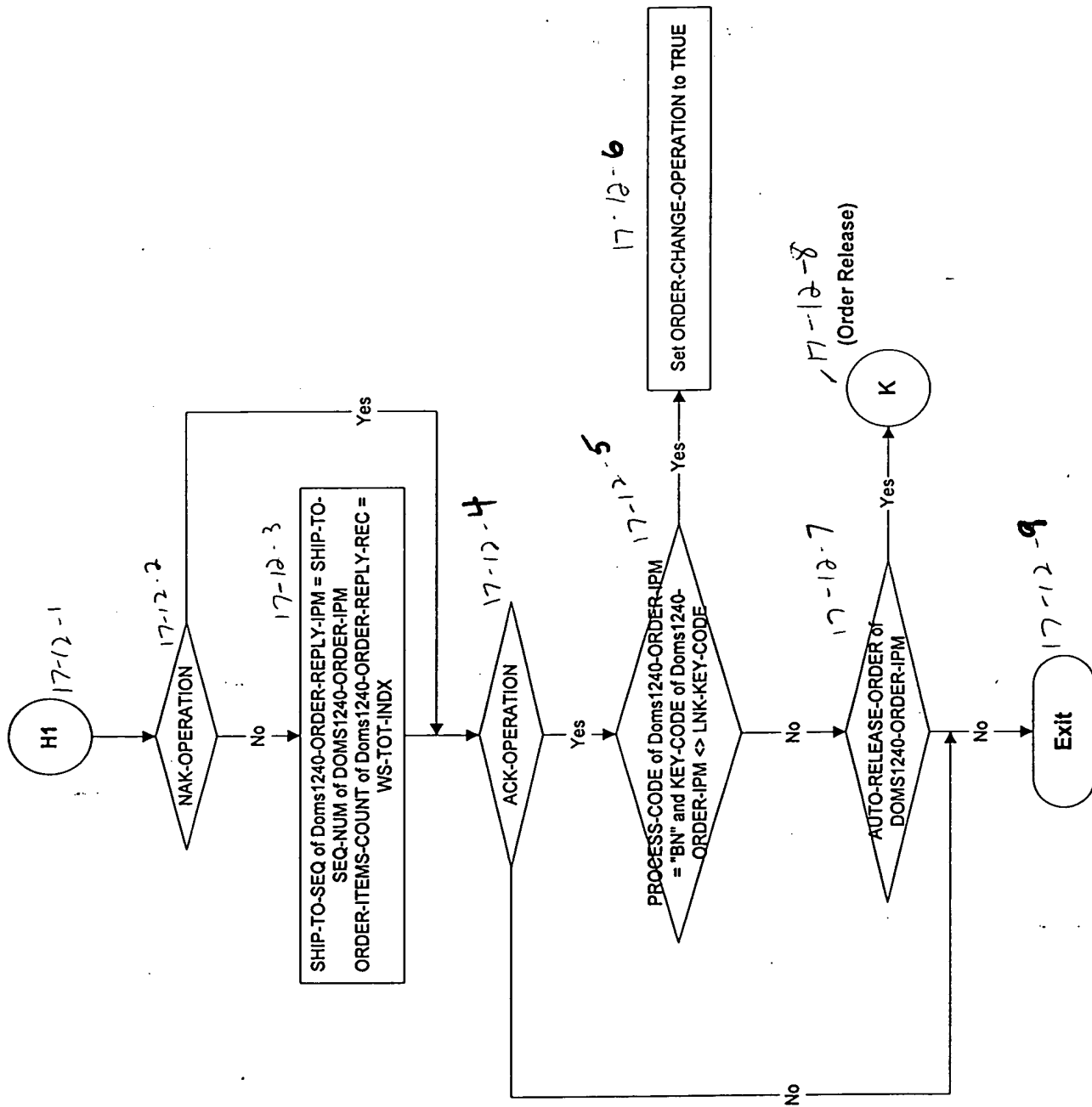


Fig. 17-12

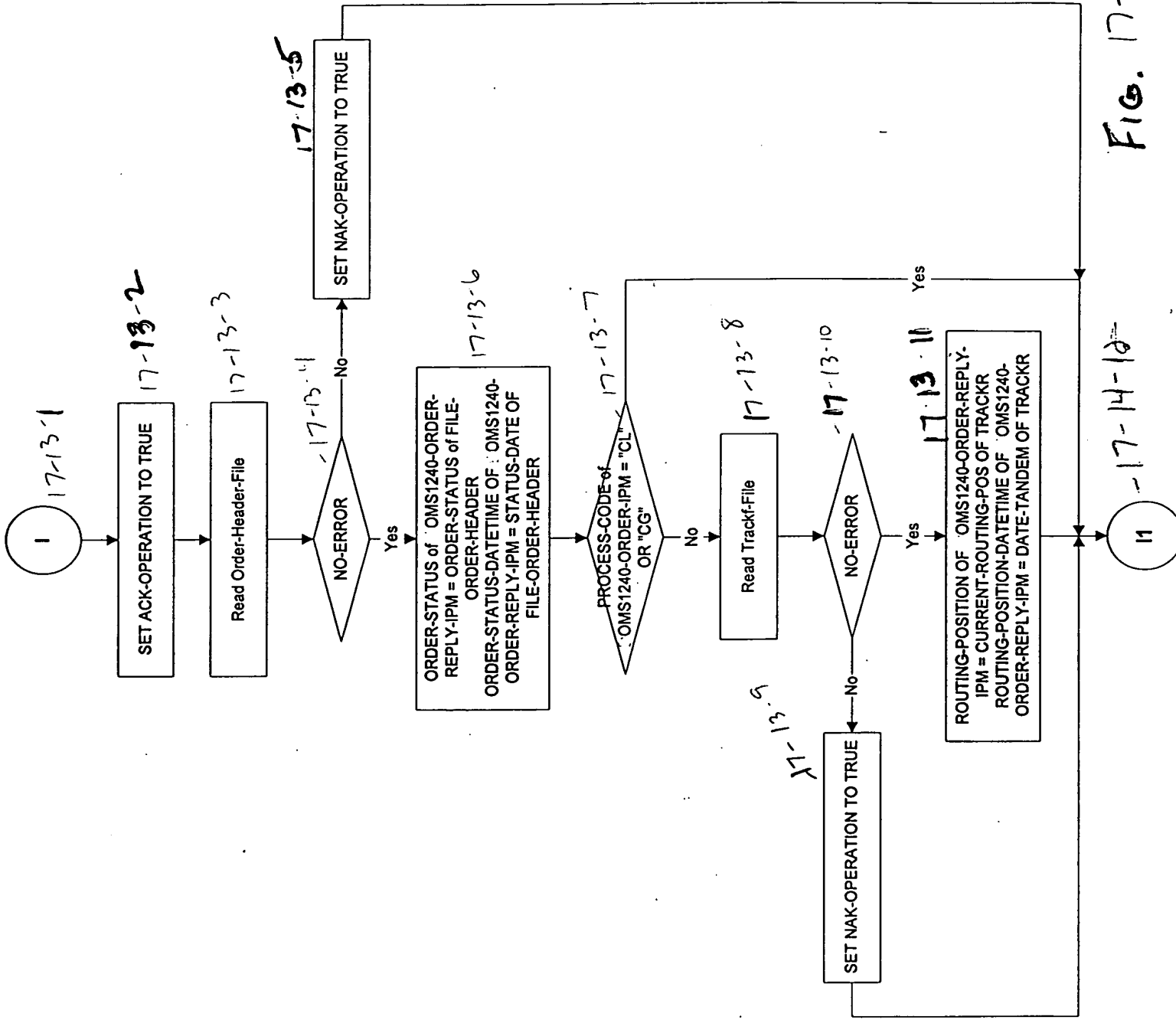


FIG. 17-13

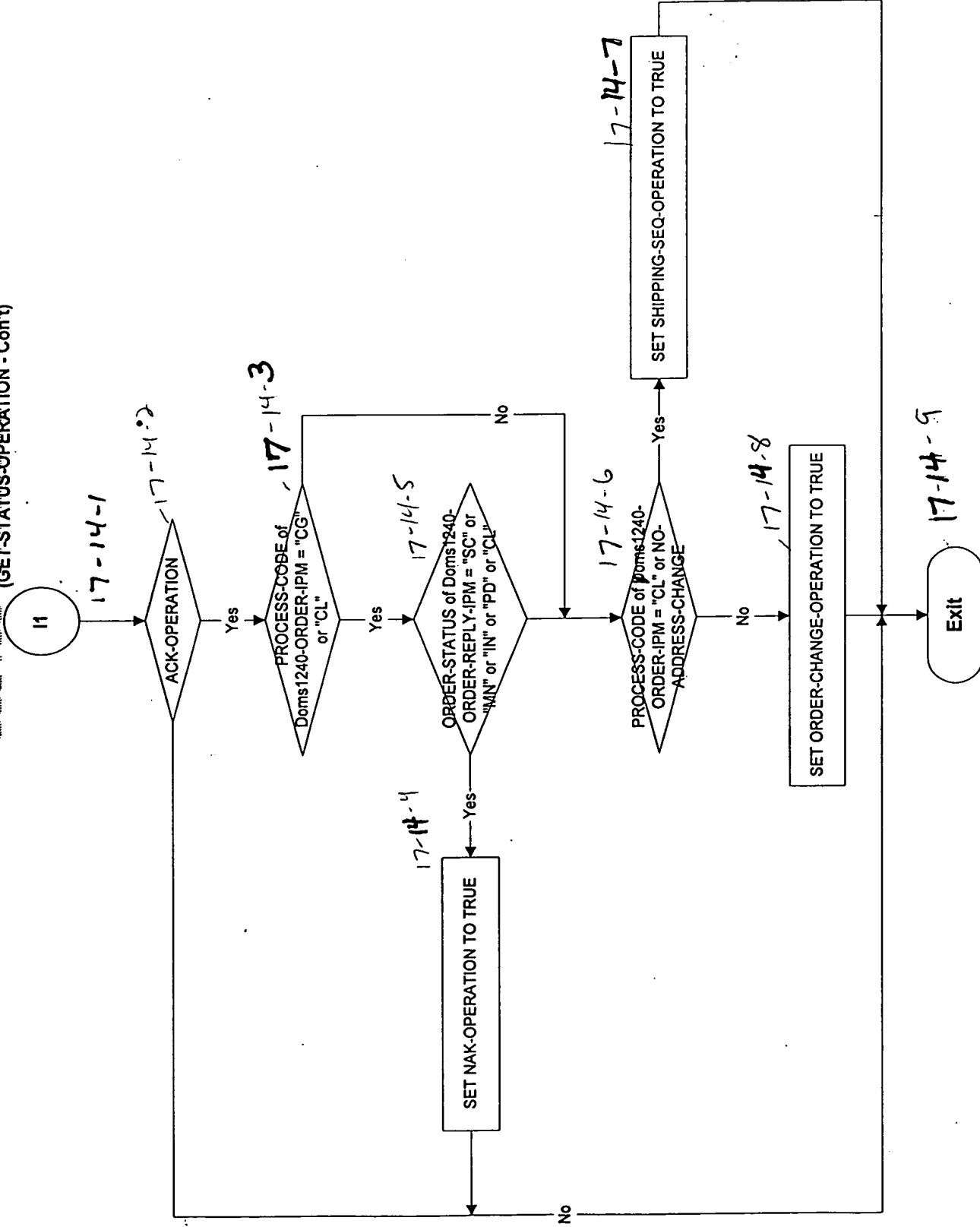


Fig. 17-14.

(ACK-OPERATION or NAK-OPERATION)

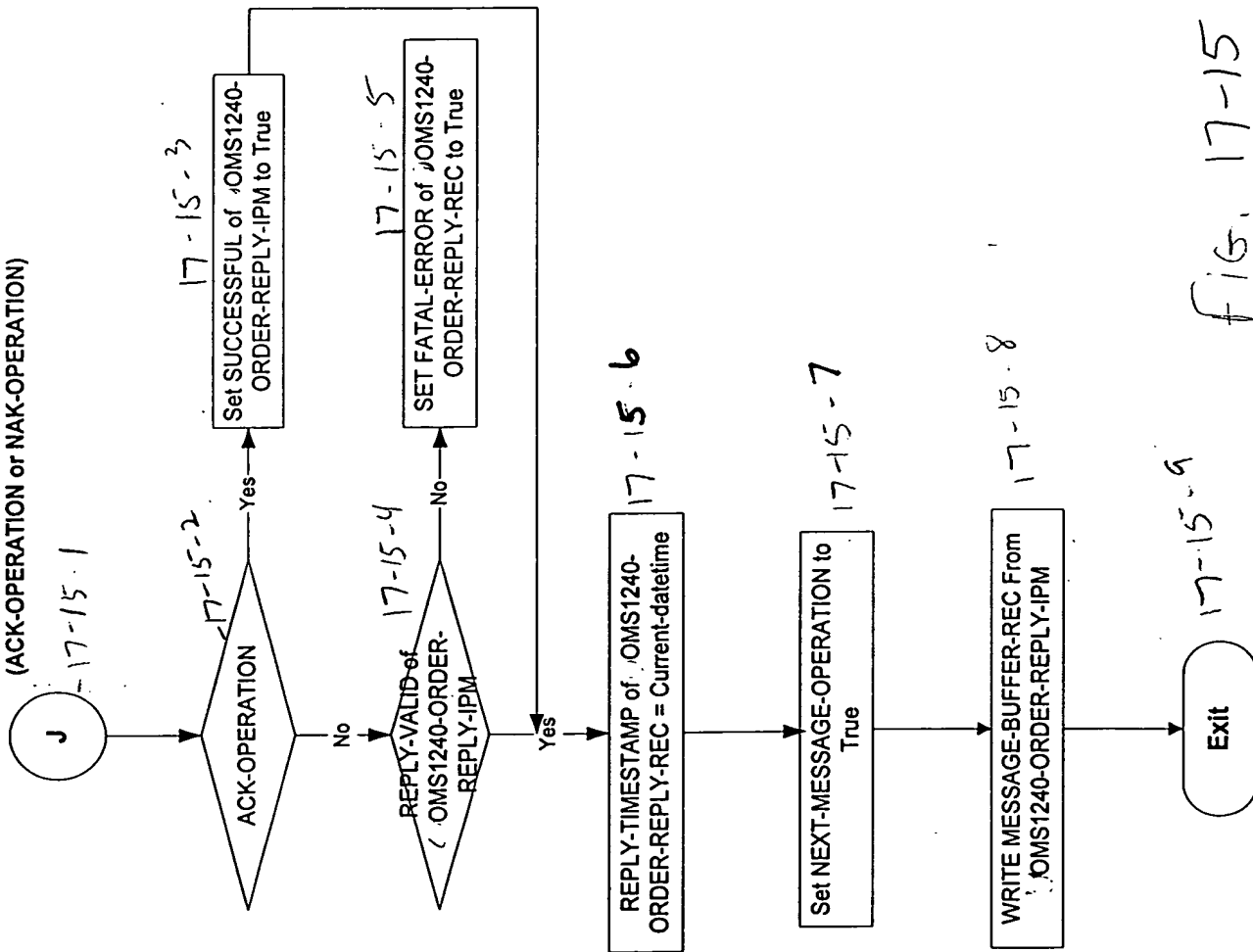


FIG. 17-15

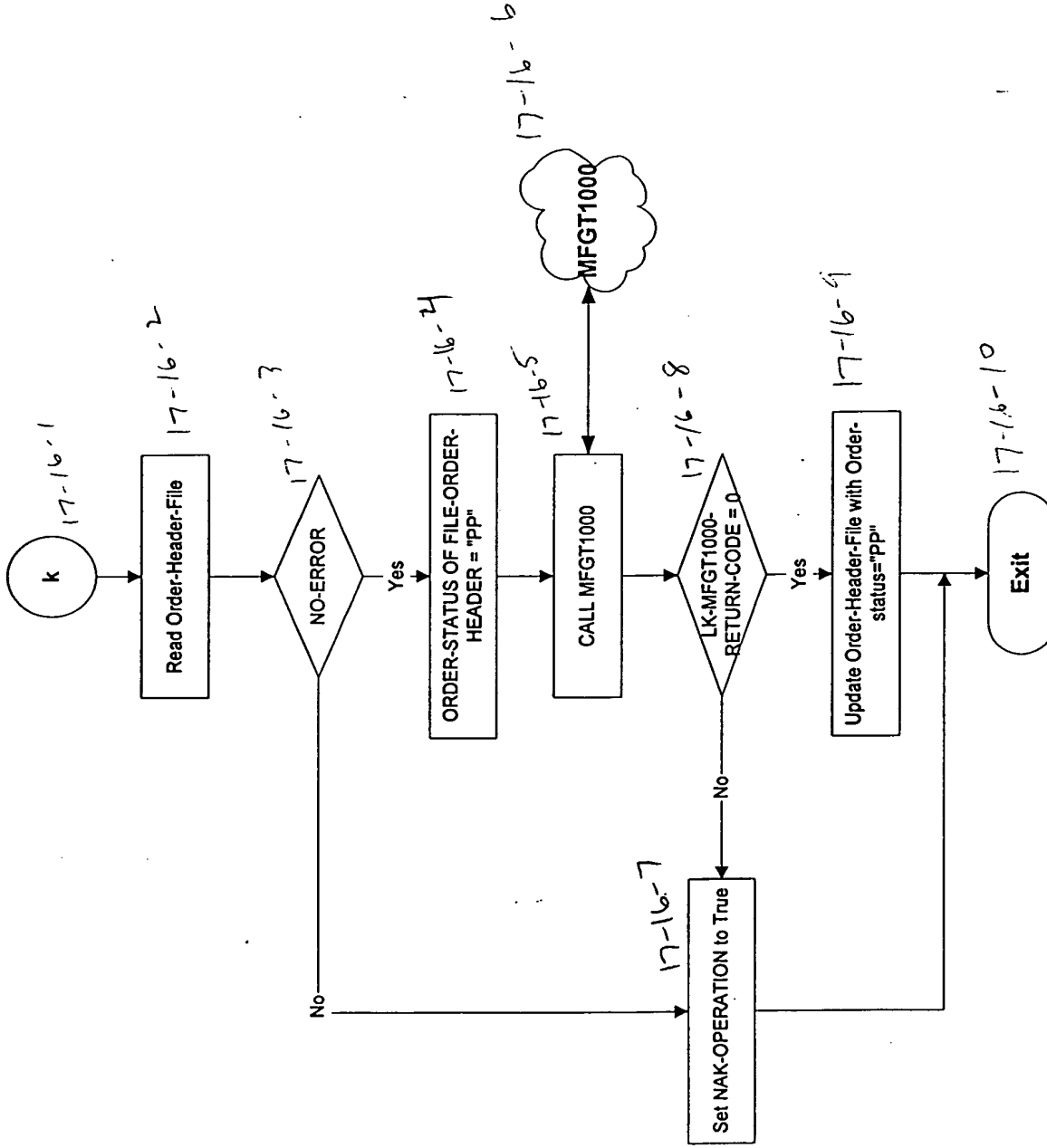


FIG. 17-16

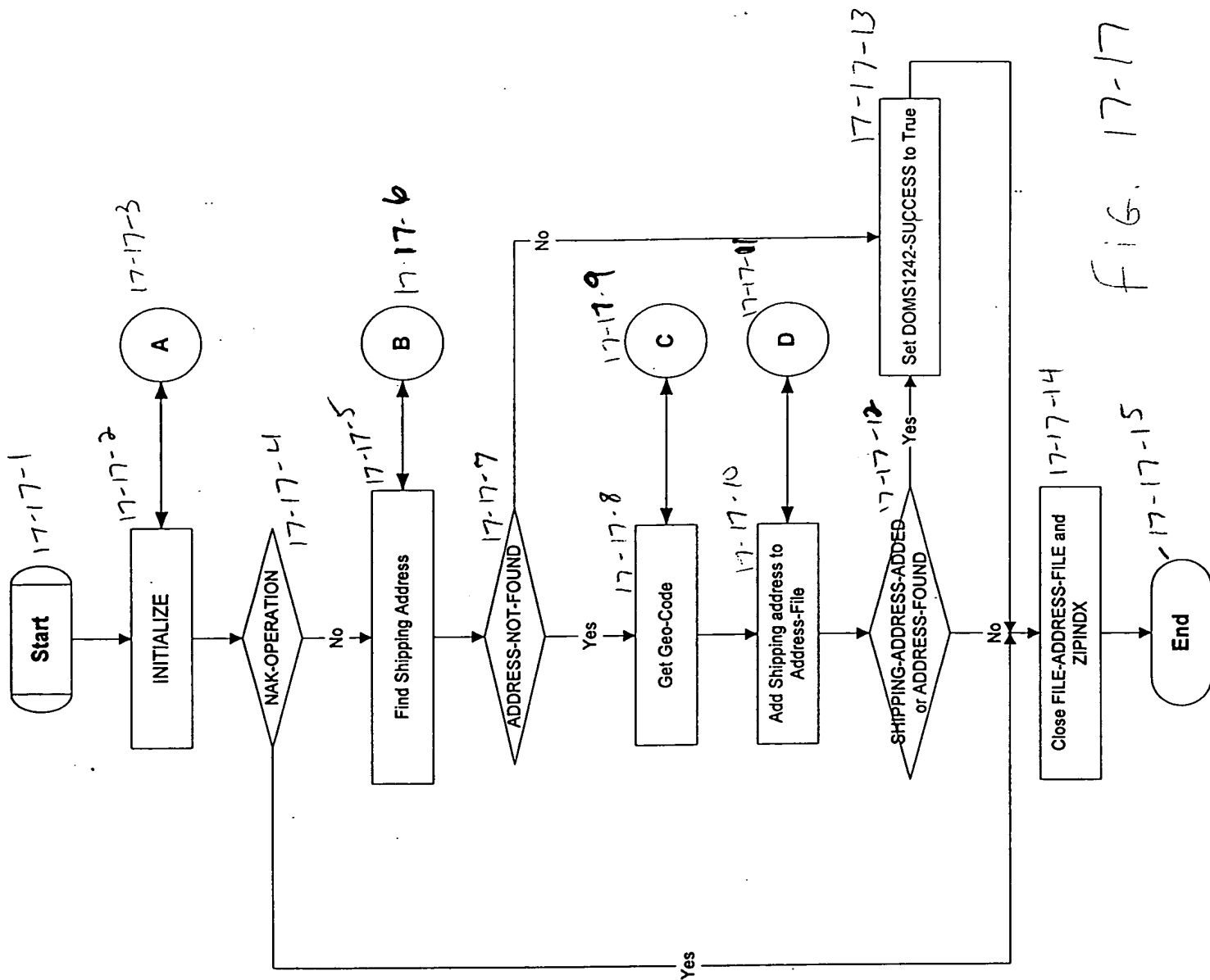


FIG. 17-17

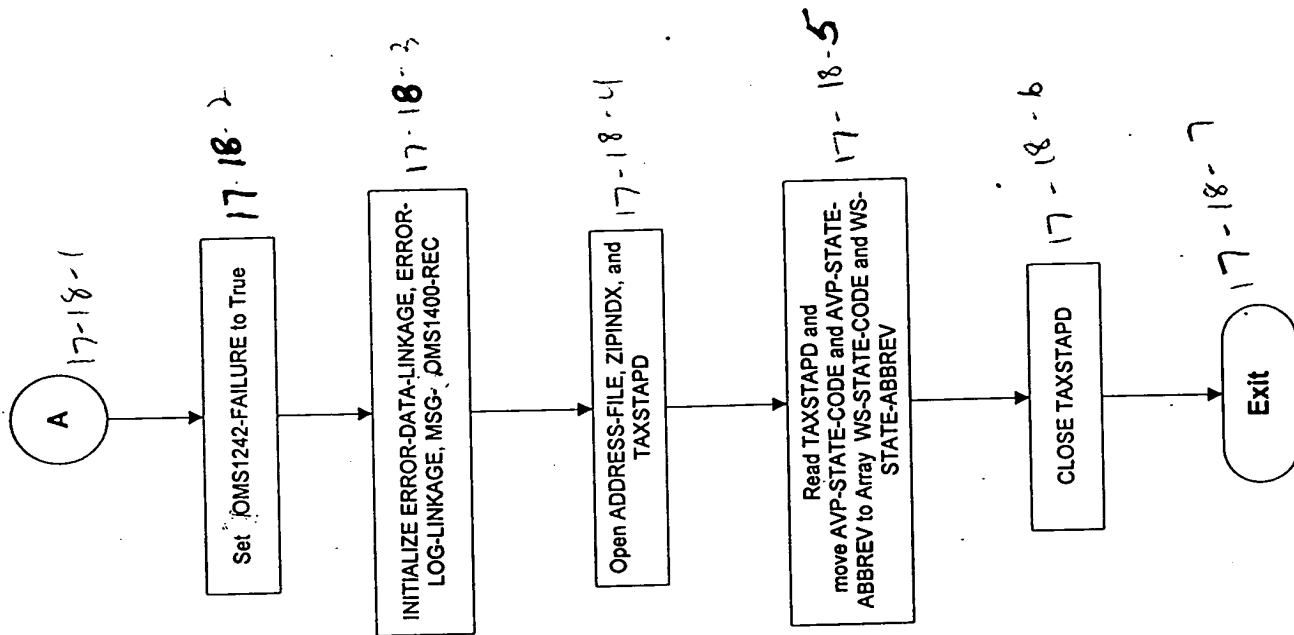


Fig. 17-18

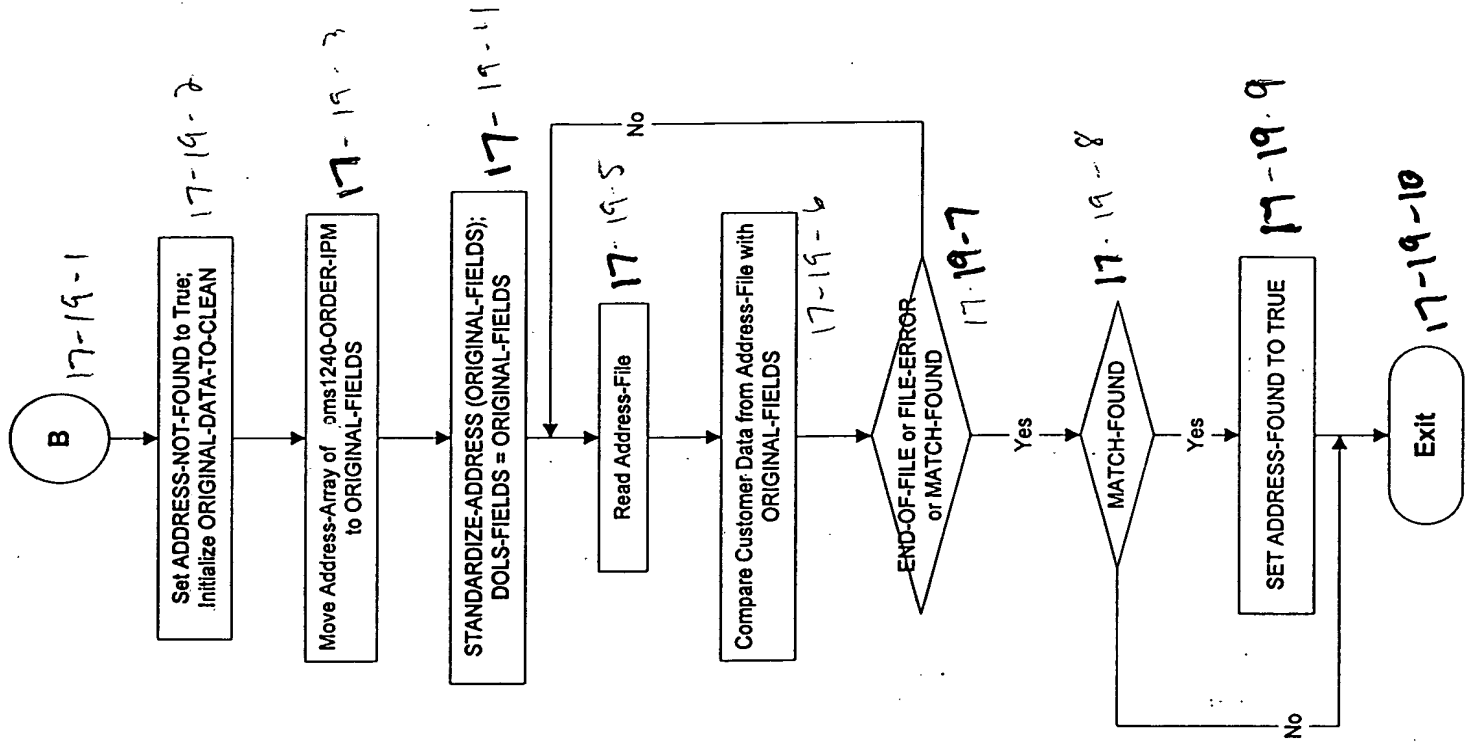


FIG 17-19

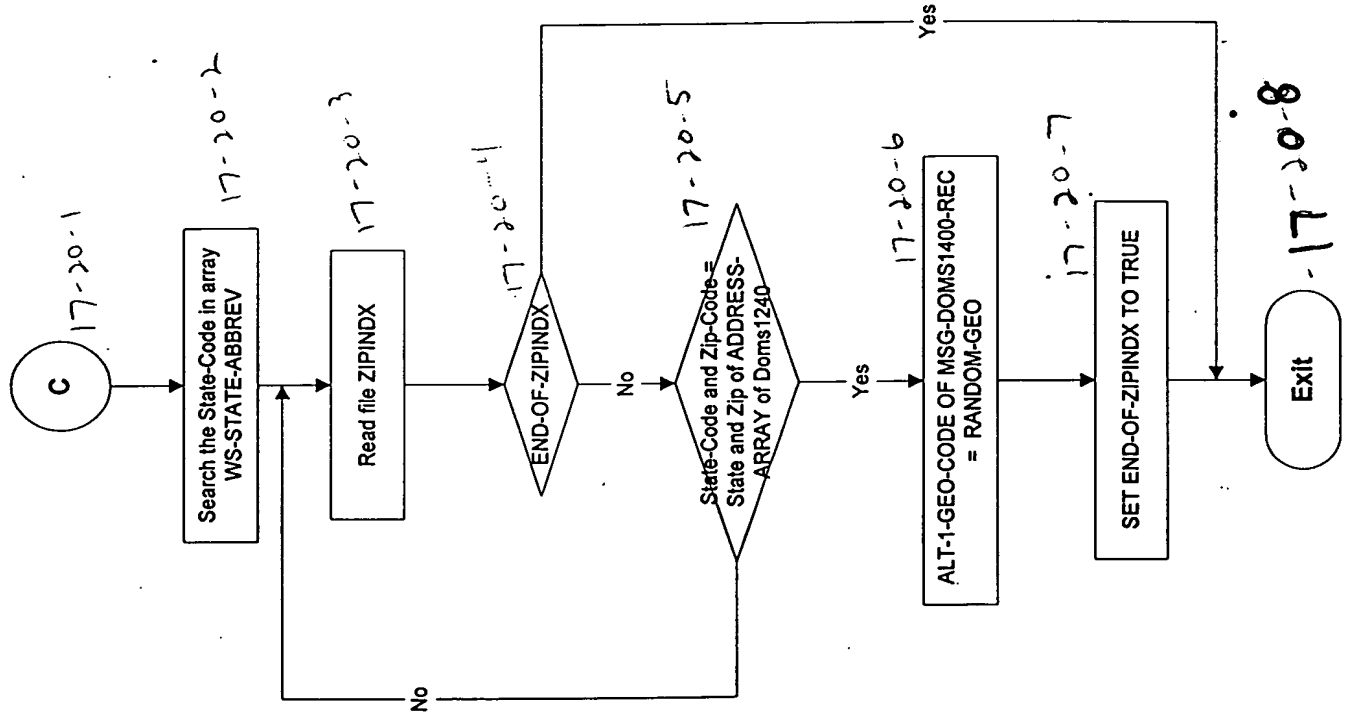

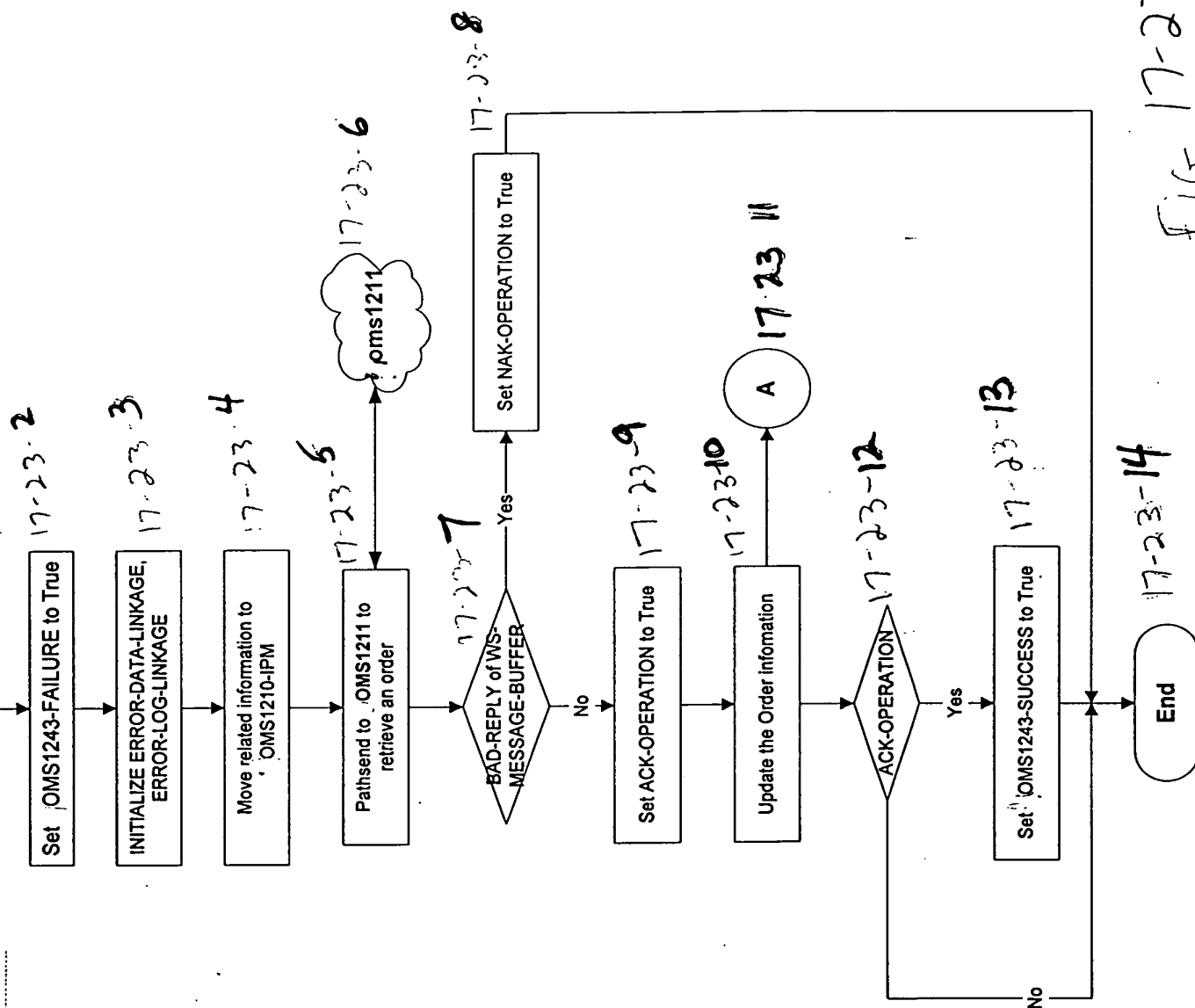


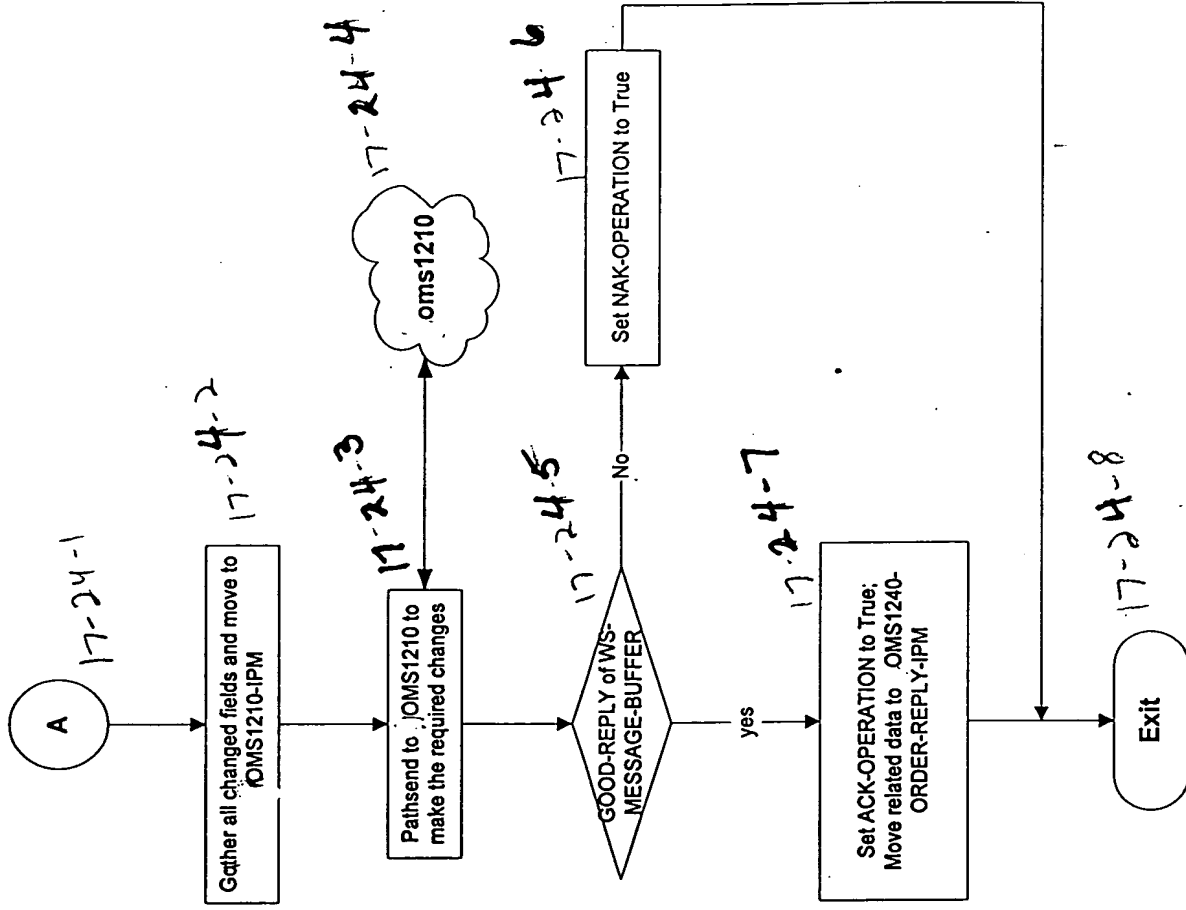
Fig. 17-20

Fig 17-21



Start





```

graph TD
    Start([Start]) --> 180-1[Get DB Connection information from the Registry]
    180-1 --> 180-2[Get Messaging Agent from Registry to determine US or Canadian AOE.]
    180-2 --> 180-3[Get List of customer with the same Messaging Agent]
    180-3 --> 180-4{Found?}
    180-4 -- no --> 180-5([EXIT])
    180-4 -- yes --> 180-6[Get All unacknowledged orders from order header table]
    180-6 <--> 200[(AOE Database)]
    180-6 --> 180-7[Get FTP information from order_transport database]
    180-7 <--> 200
    180-7 --> 180-8{Order Header or Order_Transport Empty?}
    180-8 --> 180-9((Goto A))

```

—

```

graph TD
    A((A)) -- 180-13 --> D1{File ID =  
Previous File ID}
    D1 -- 180-14 --> D1
    D1 -- no --> P1[Get Not ready to be  
acknowledge orders  
from Order Detail using  
the current file id]
    P1 -- 180-15 --> D1
    P1 <--> DB[(AOE Database)]
    P1 -- 180-16 --> D2{found?}
    D2 -- yes --> P2[Delete record from  
Order Header  
recordset]
    P2 -- 180-18 --> J1((goto J))
    J1 -- 180-20 --> P7[page 7]
    D2 -- no --> D3{Same  
Customer  
Number?}
    D3 -- 180-19 --> D3
    D3 -- yes --> P3[Create File  
Wrapper]
    P3 -- 180-21 --> P4[Create Ack Header]
    P4 -- 180-22 --> J2((Goto B))
    D3 -- no --> P4
    J2 -- 180-23 --> B((B))
  
```

2

002750:ET6500

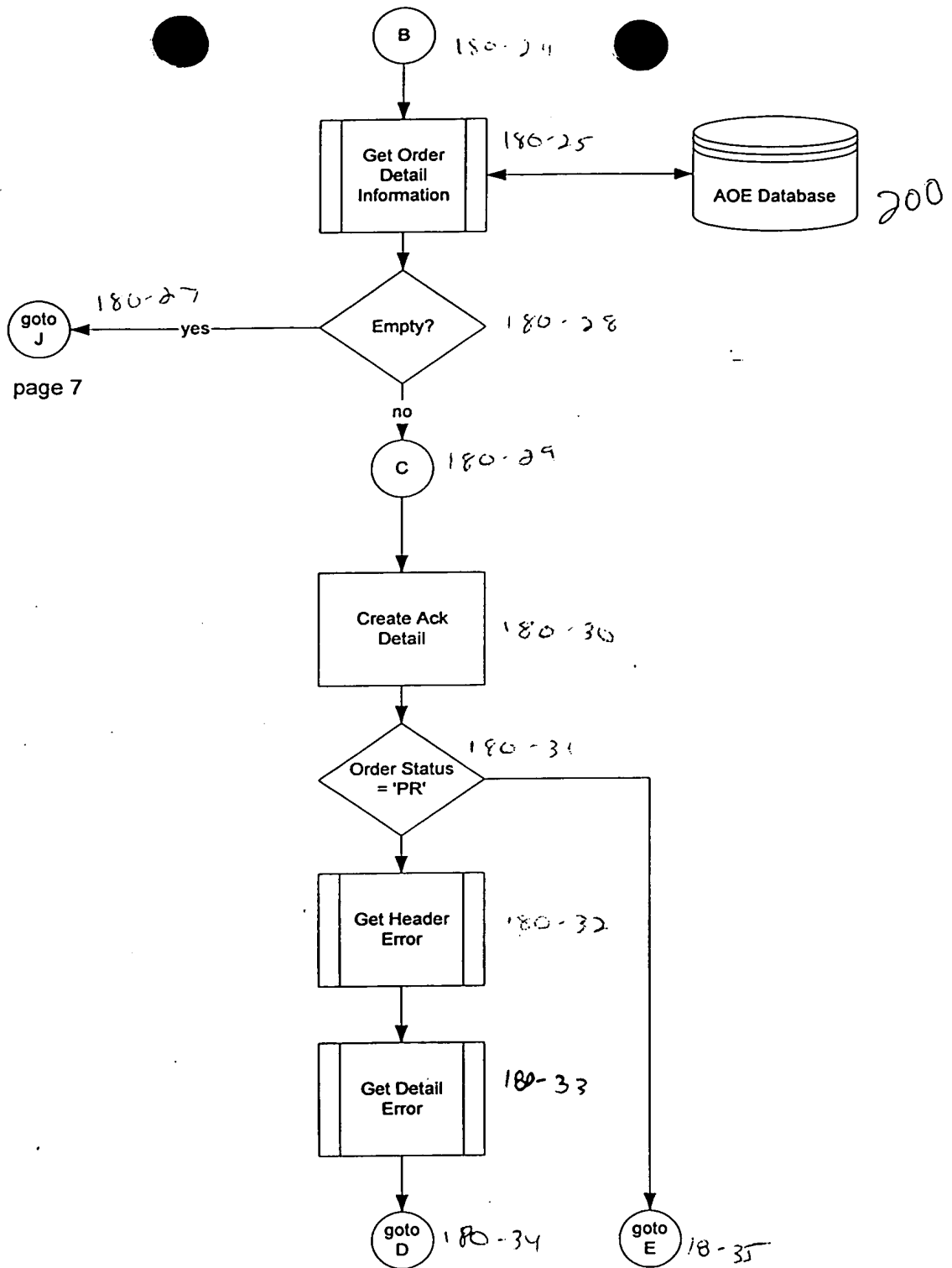


FIG. 18C

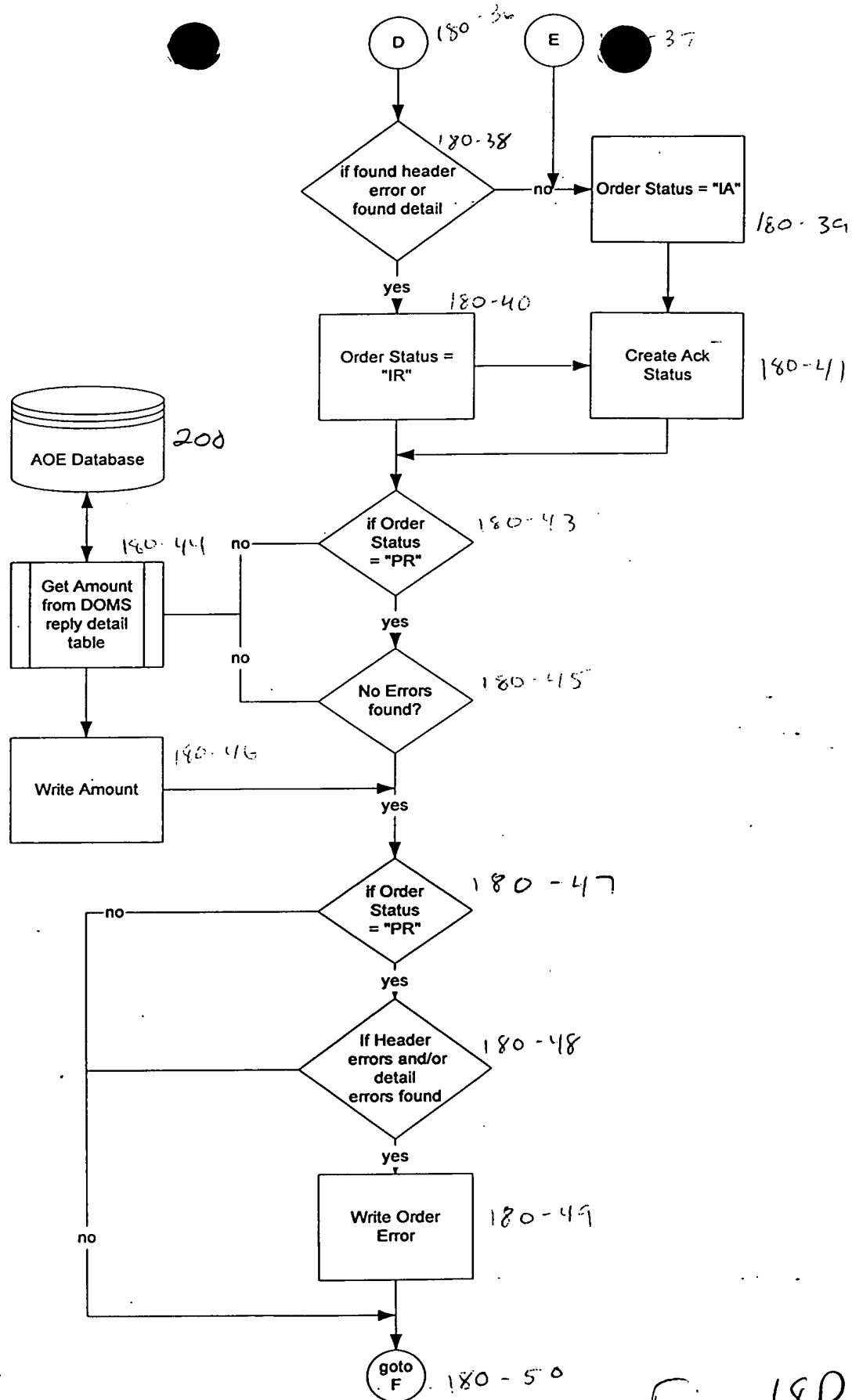


FIG. 18D

00502412:001300

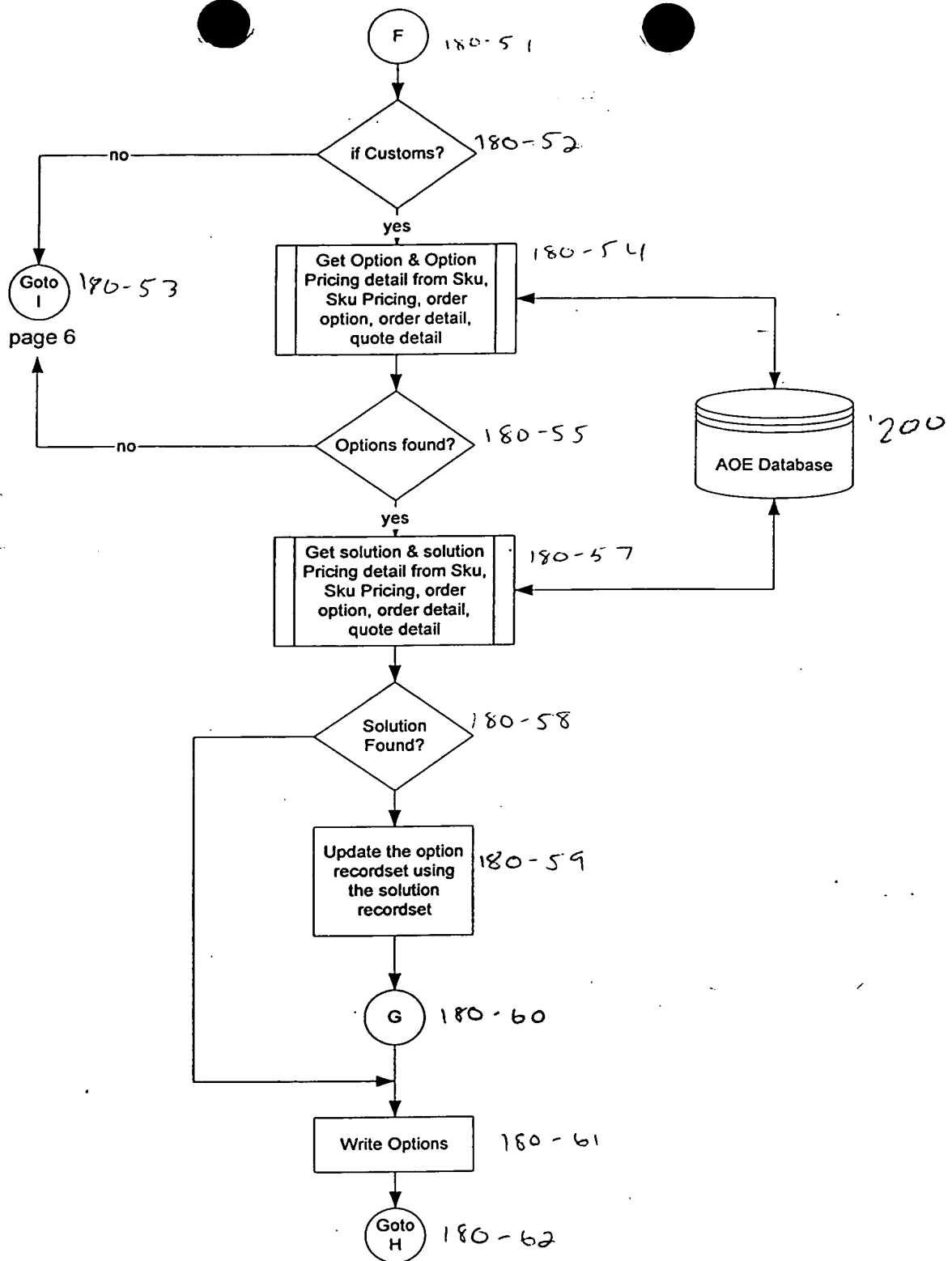


FIG. 18E

00569312-05:300

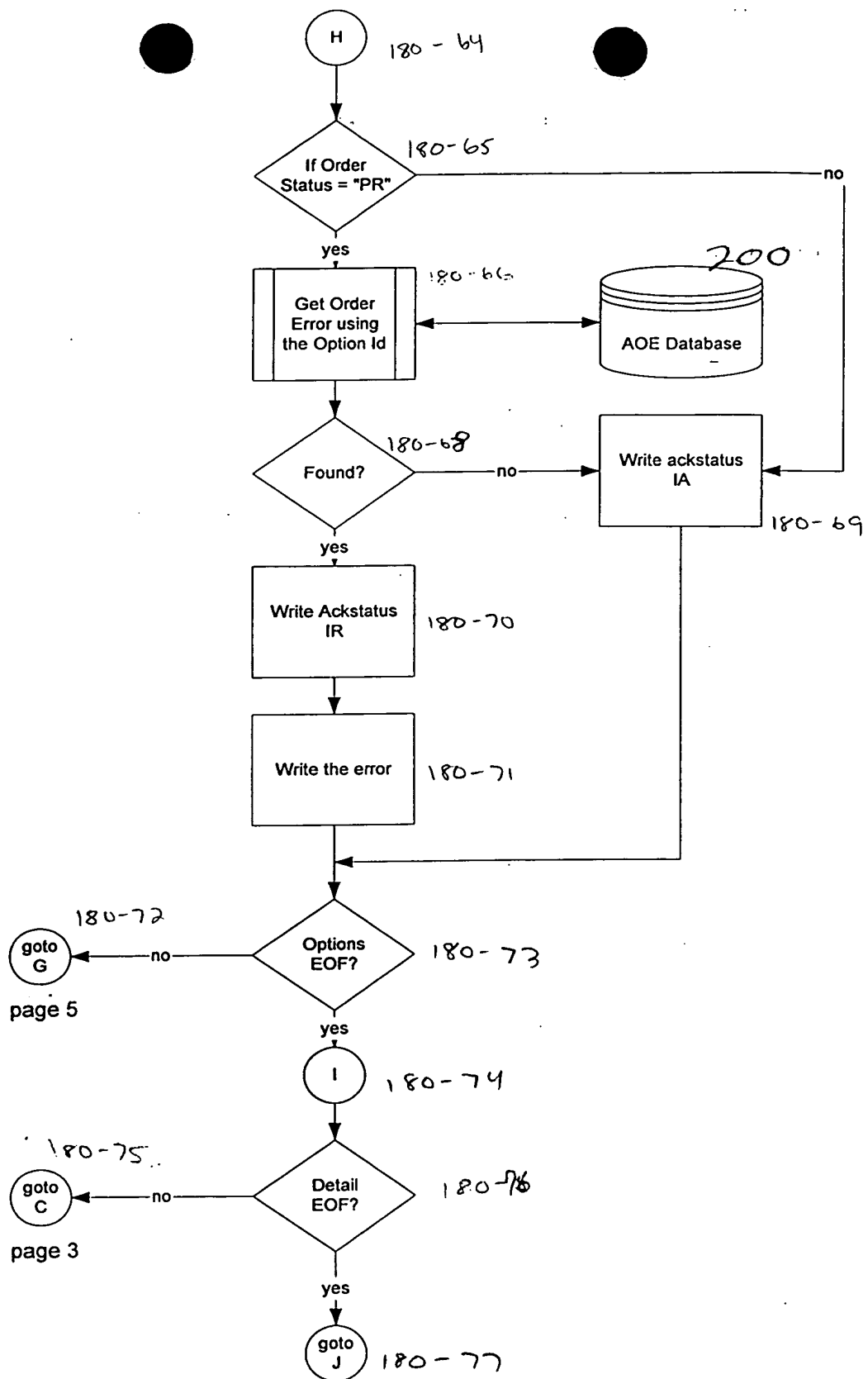


FIG 18F

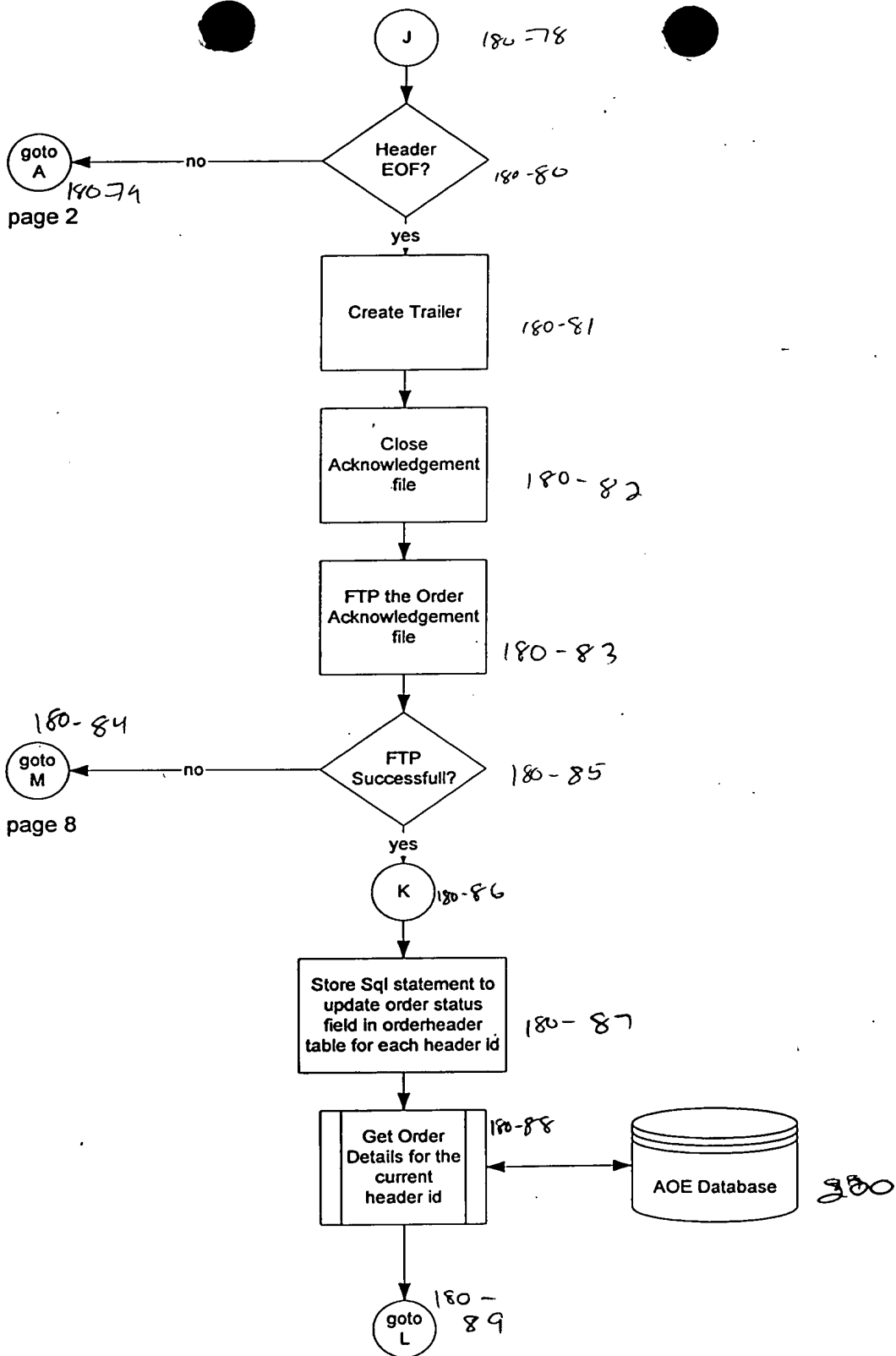


FIG. 186

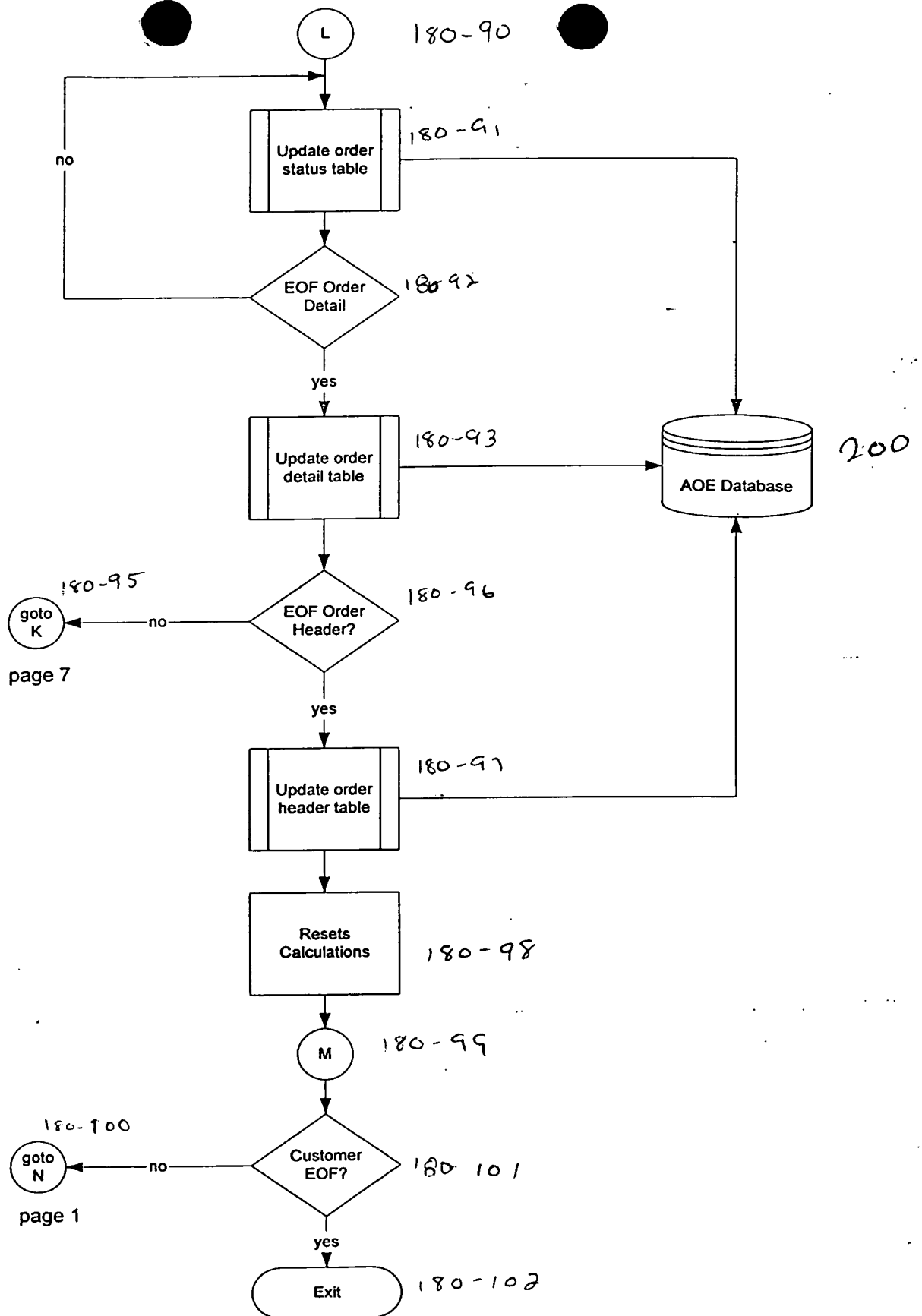


FIG. 18H

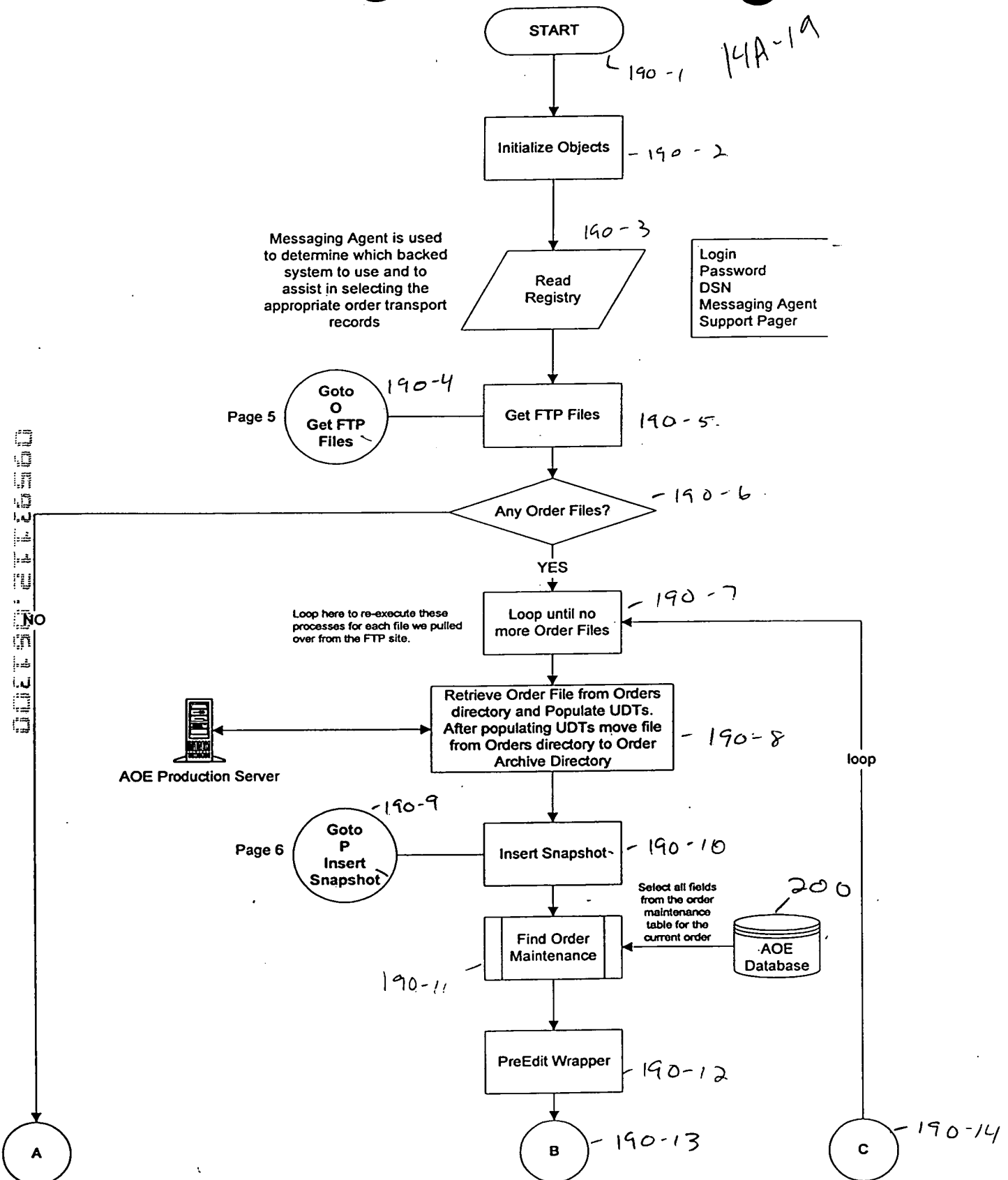


FIG. 19A

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

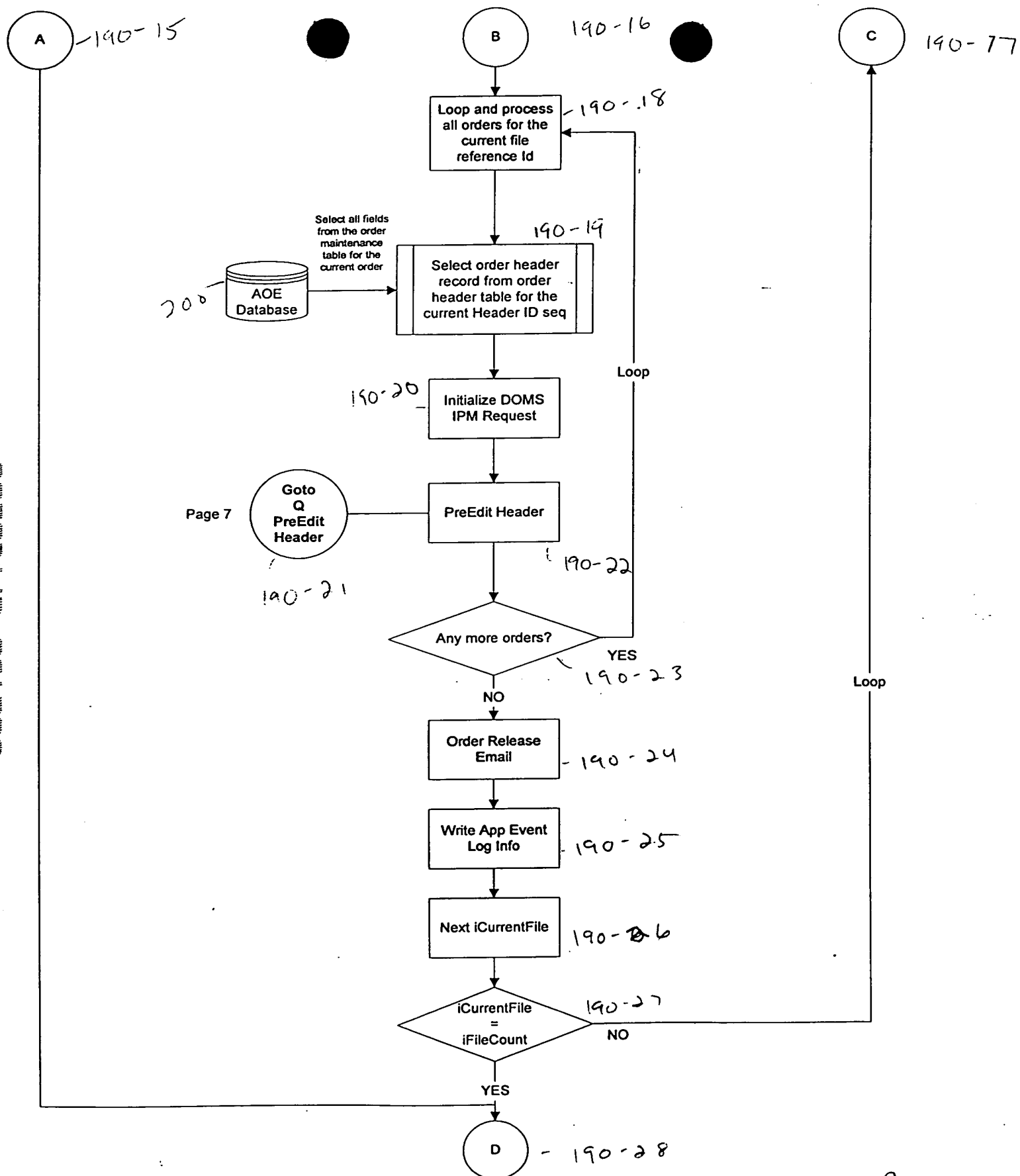
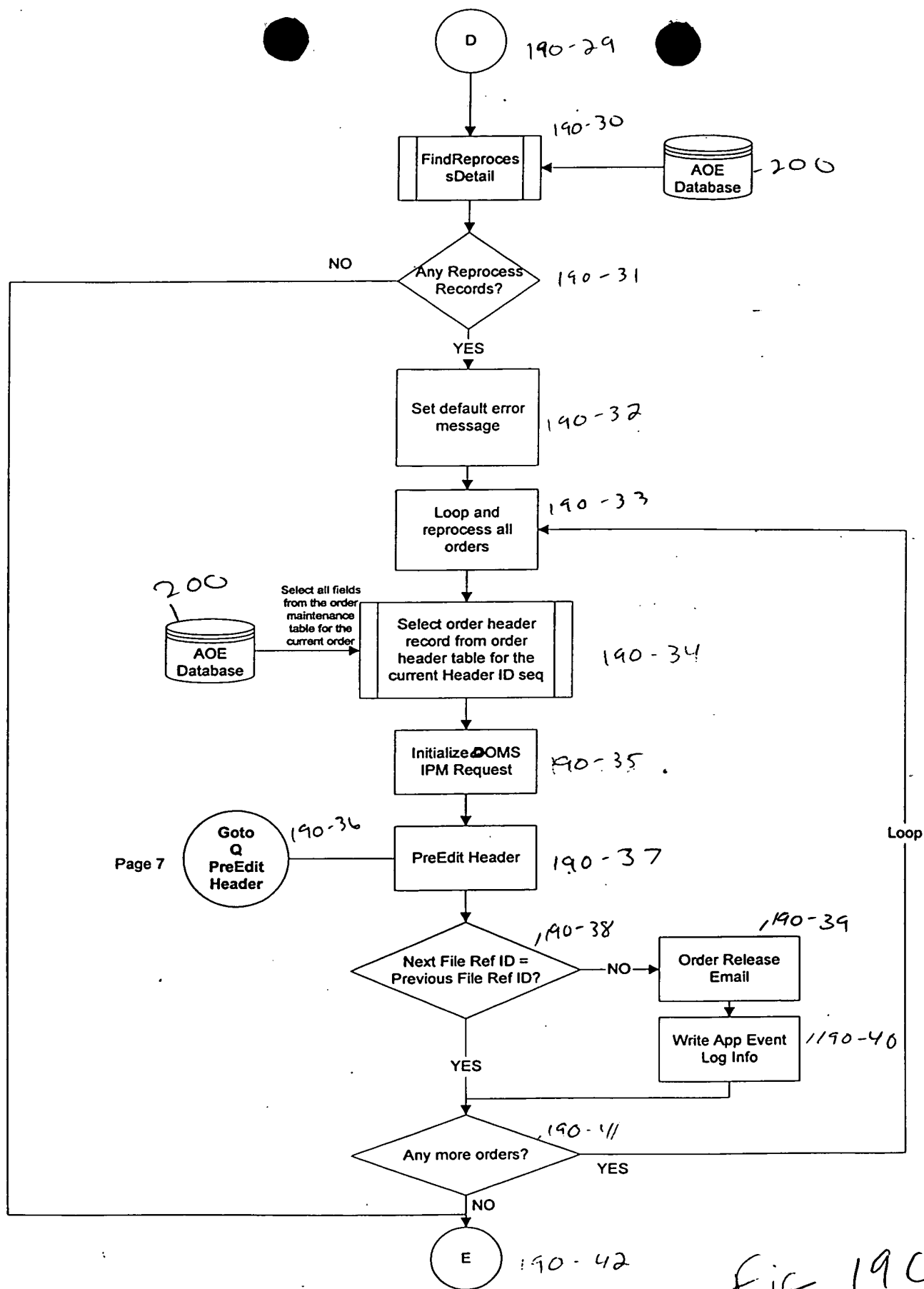


FIG. 19B



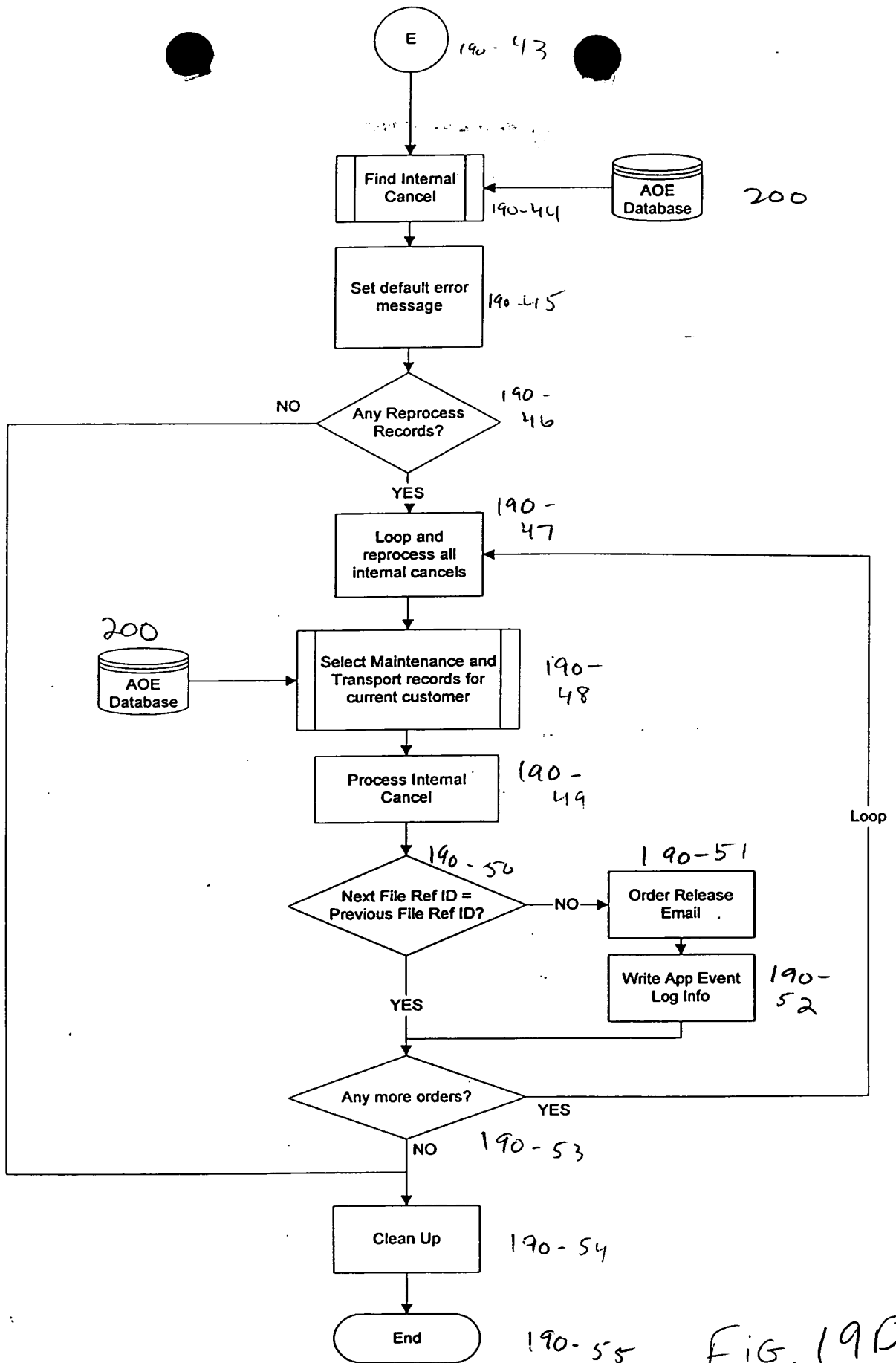


FIG. 190

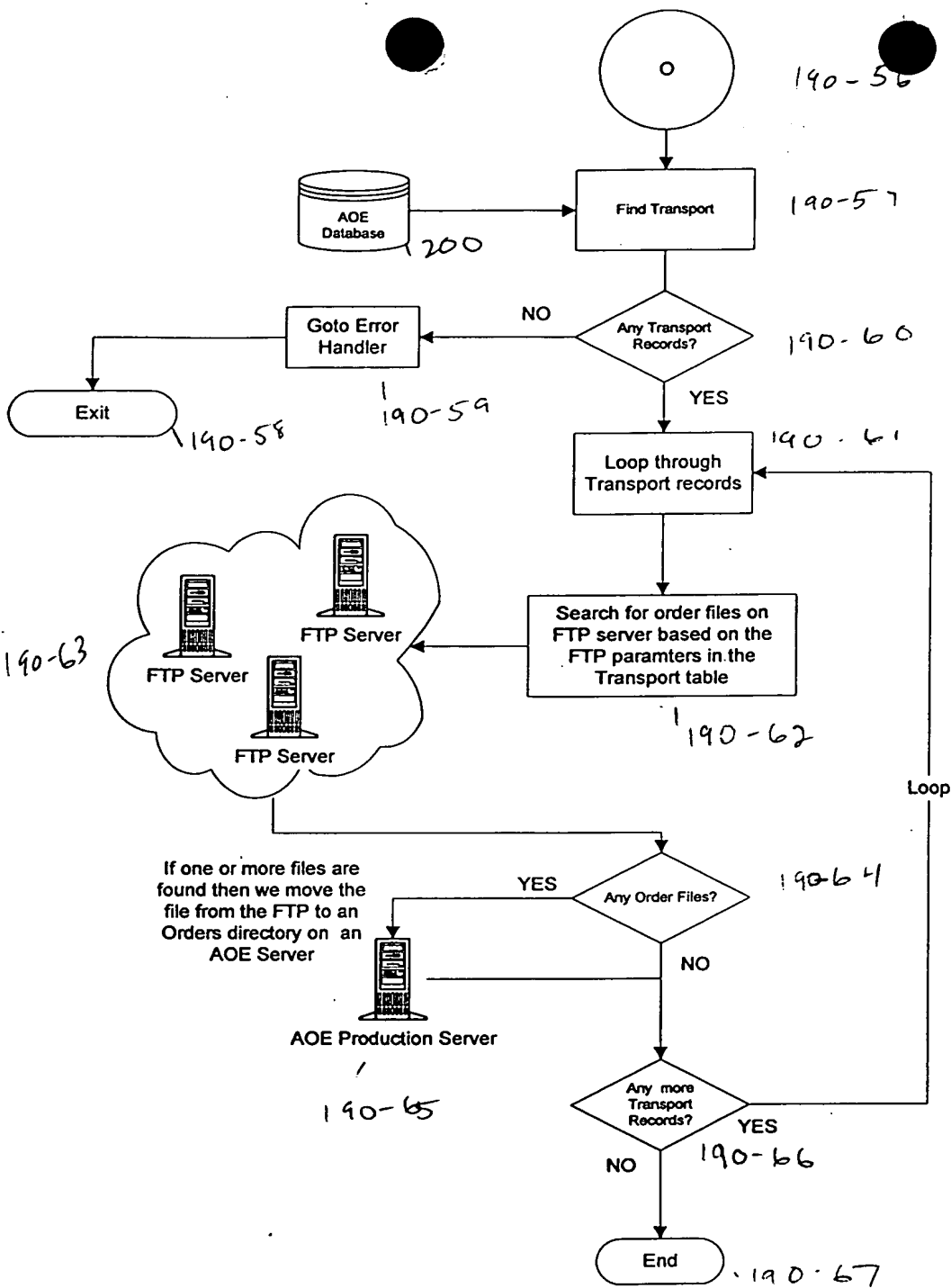


Fig. 19E

0059430640

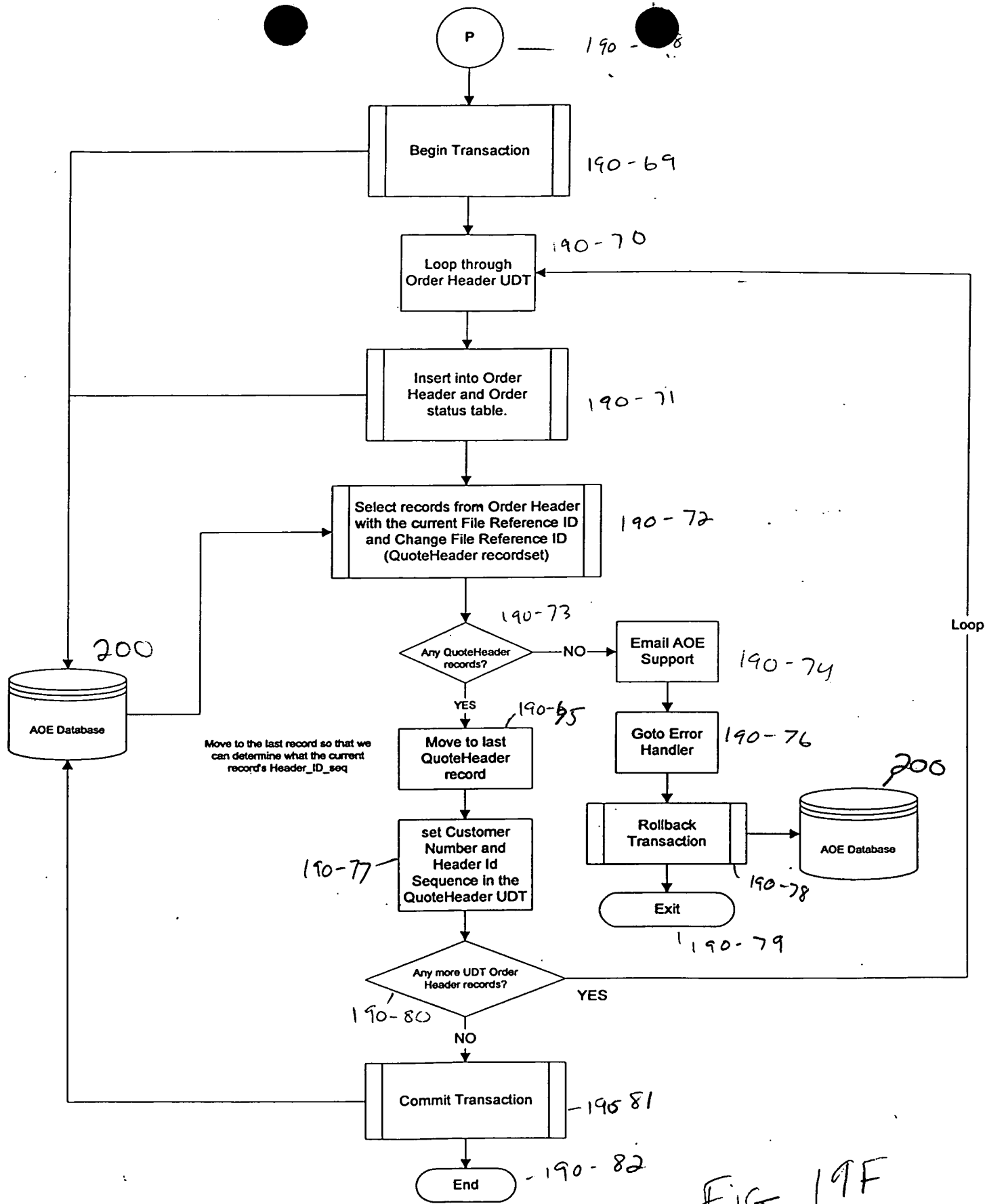


FIG 19F

2025 RELEASE UNDER E.O. 14176

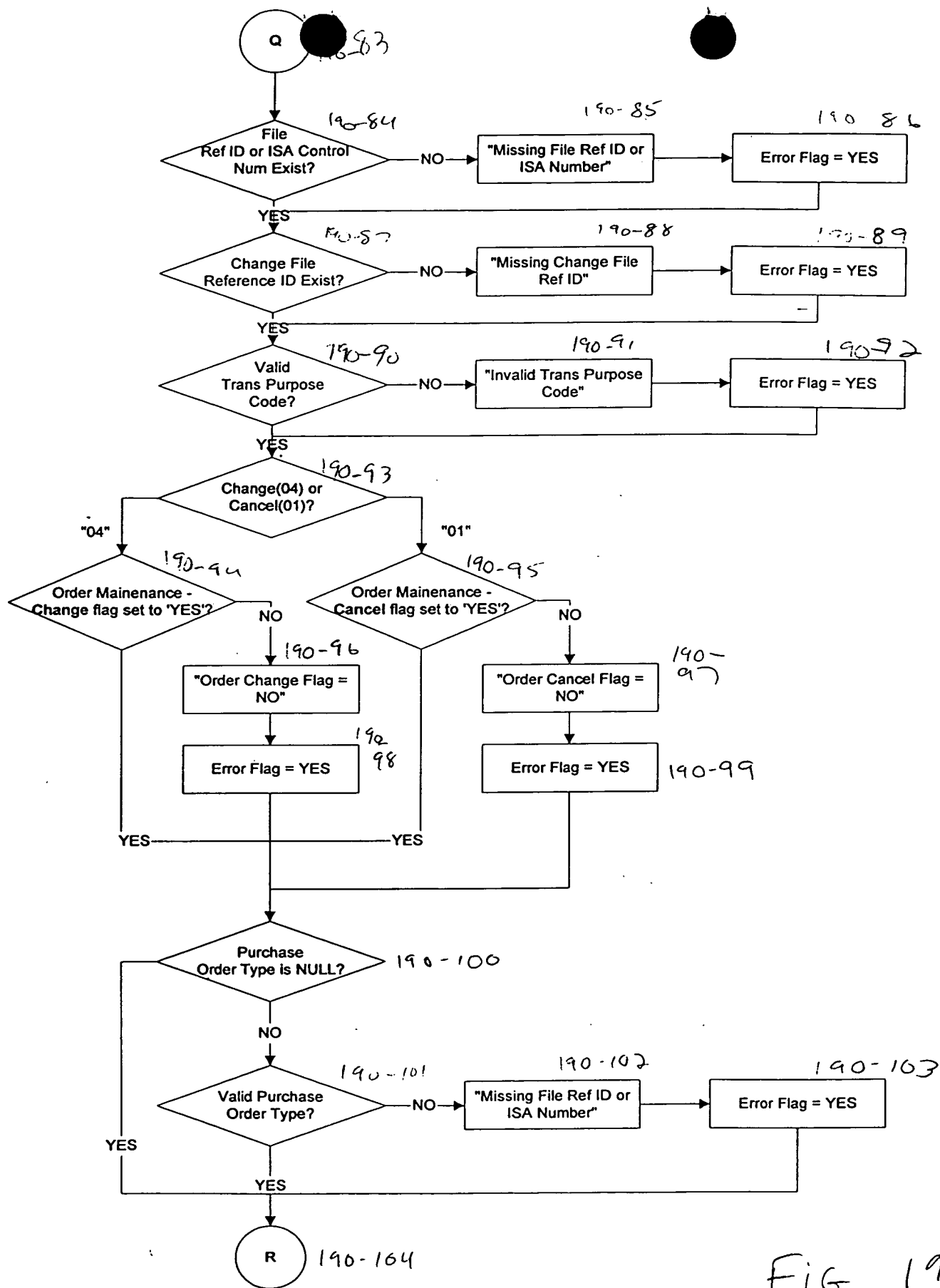


Fig. 196

00502413.054300

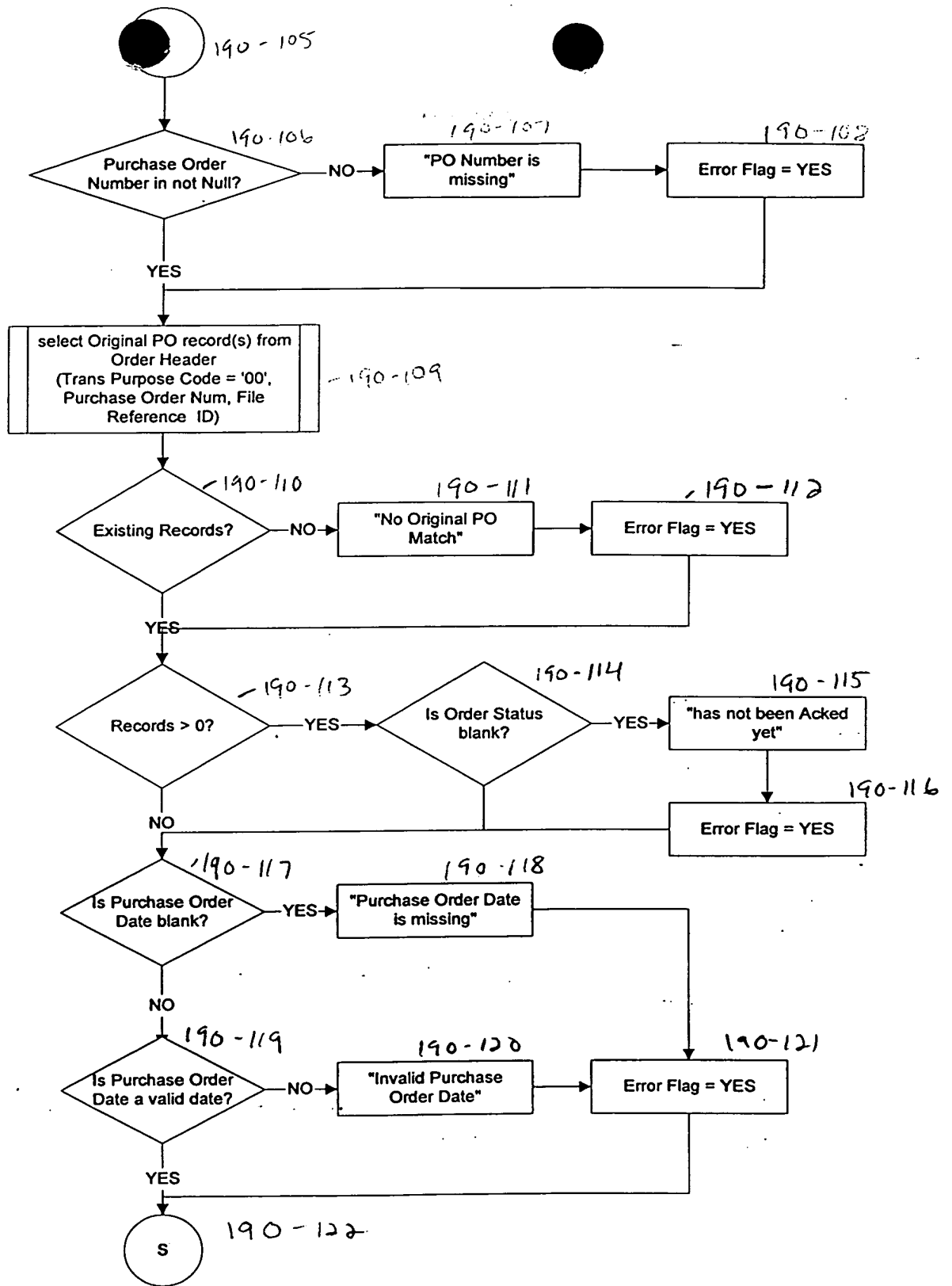


FIG. 19H

00503412-0051300

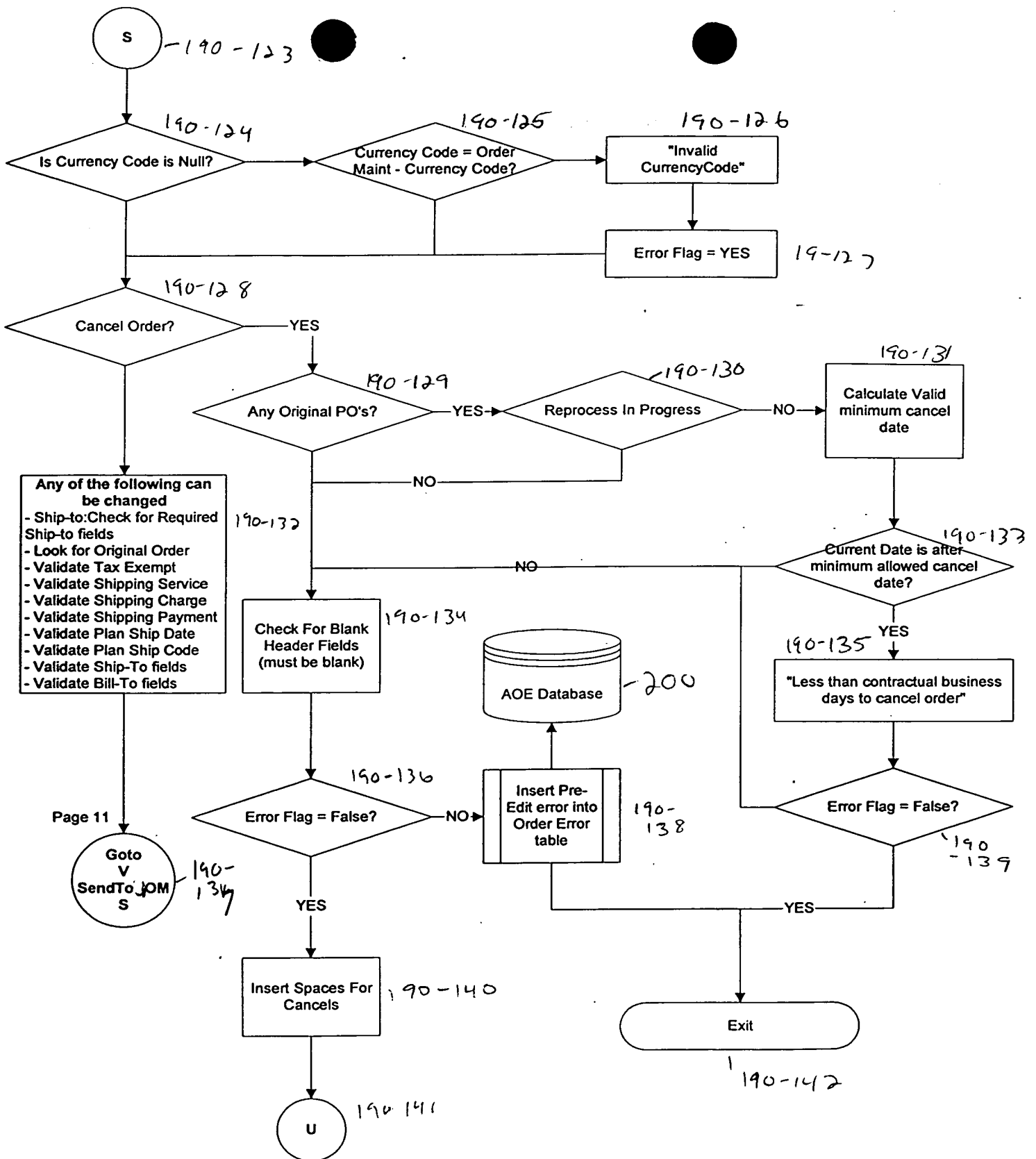


FIG. 19 I

0050343 004300

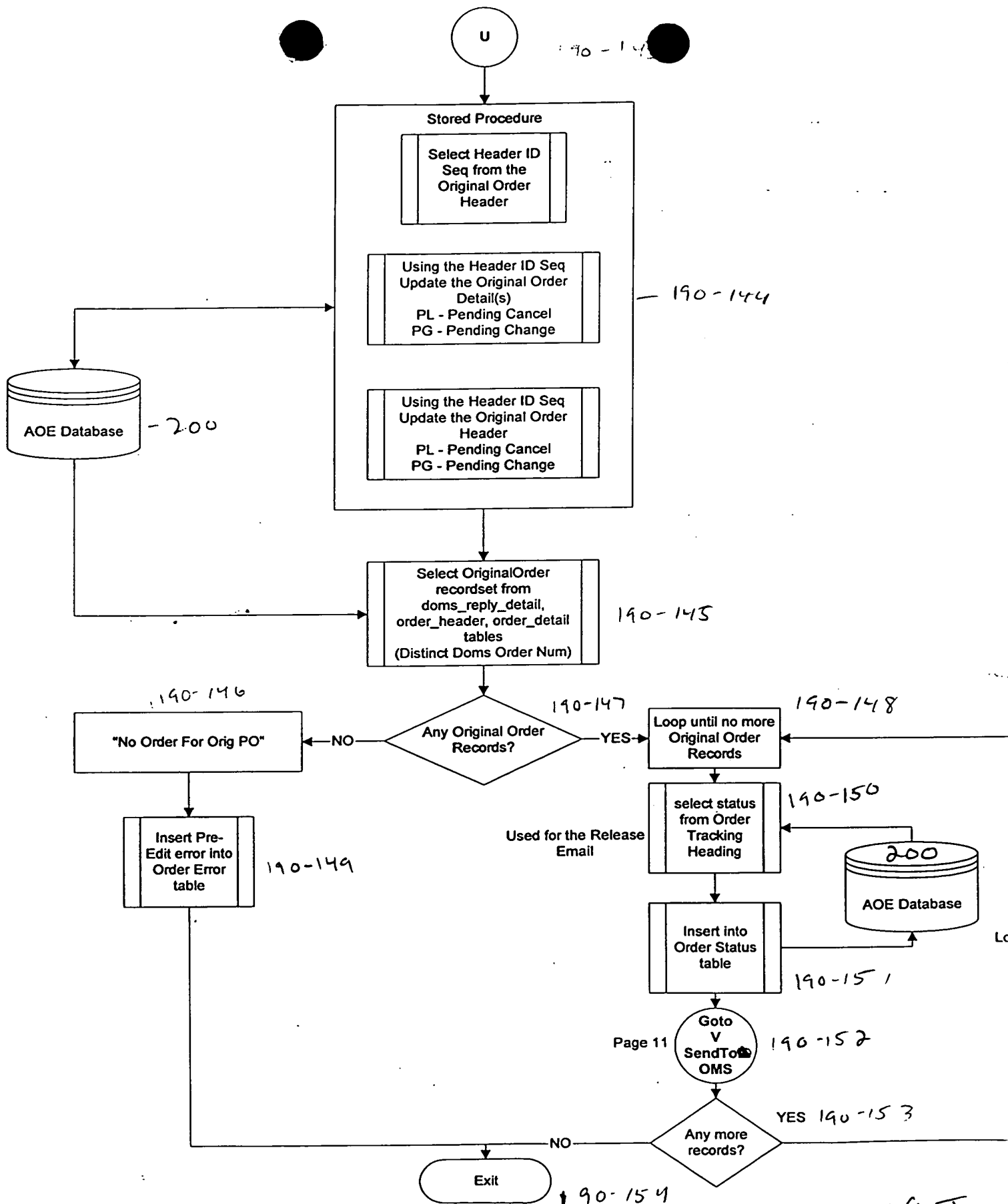


FIG. 19J

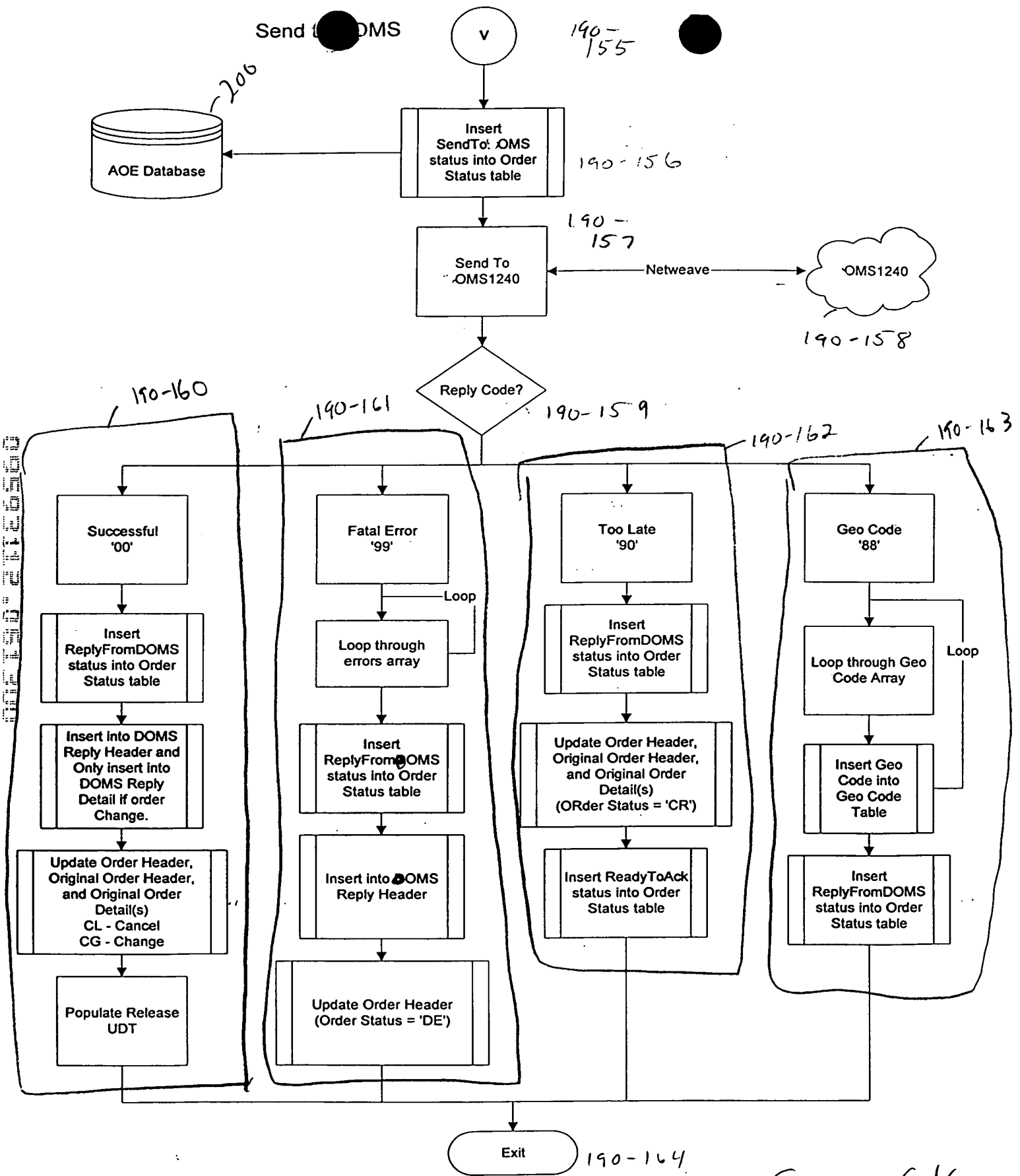


FIG. 19K

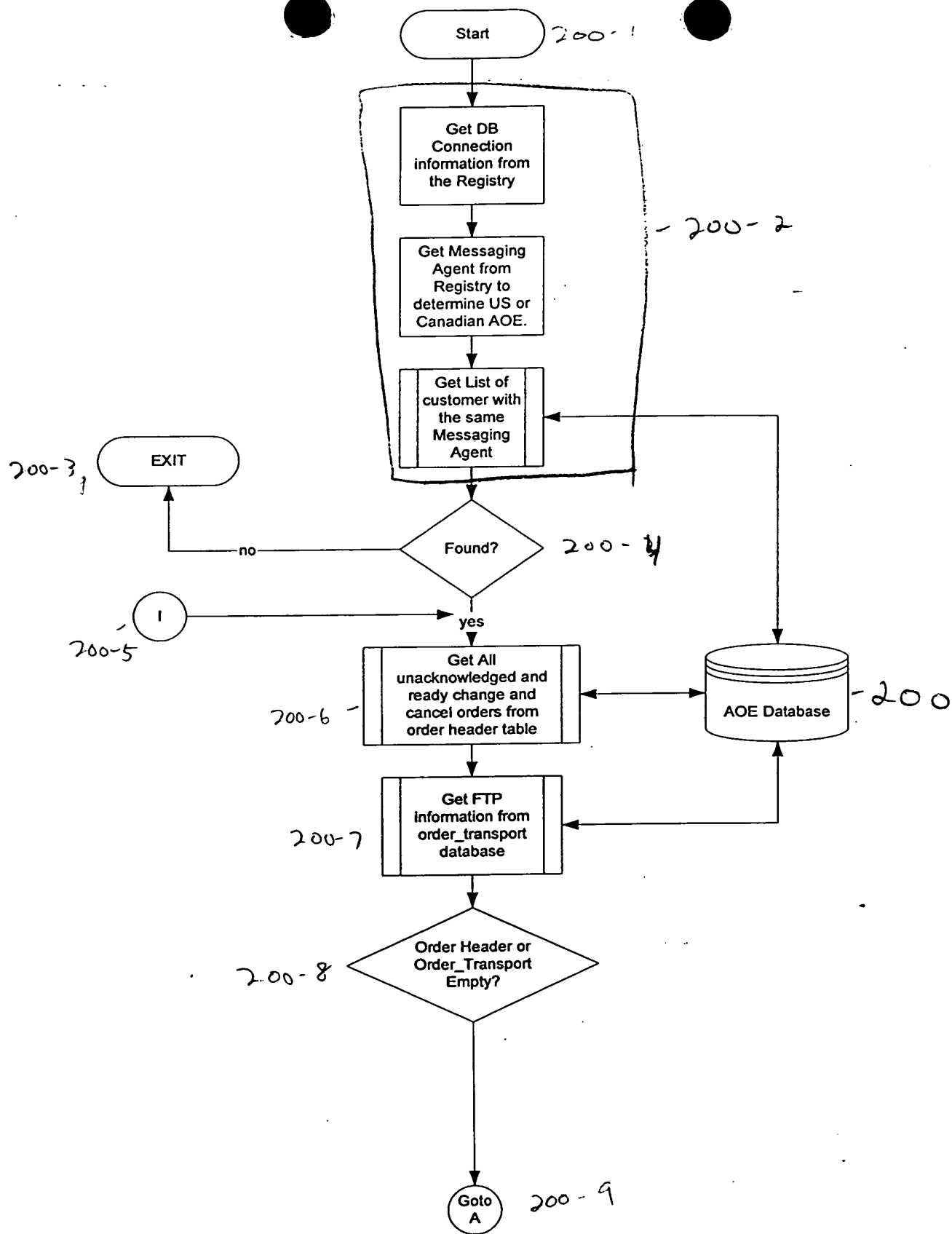
[illegible]

FIG 20A

00503412.054000

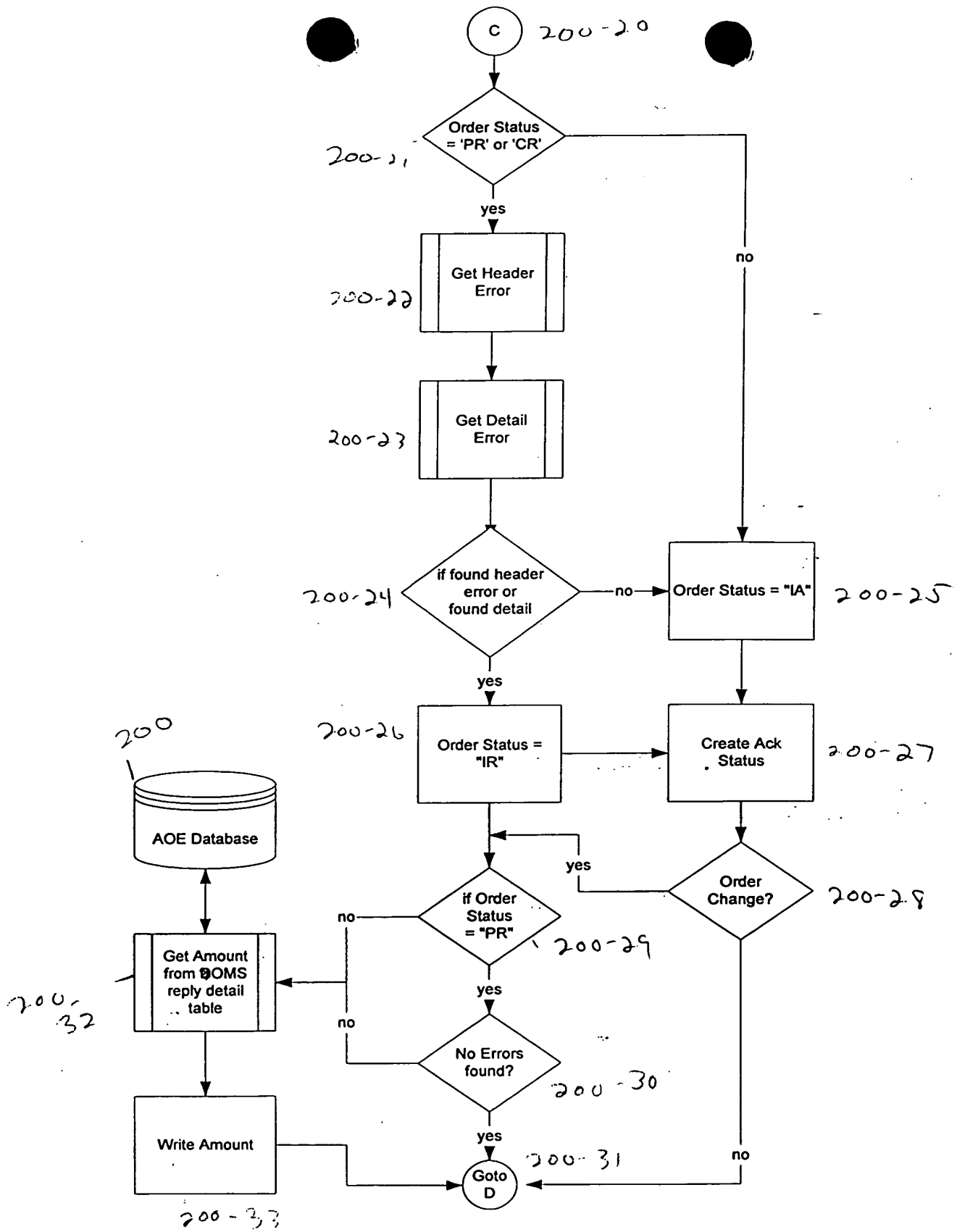
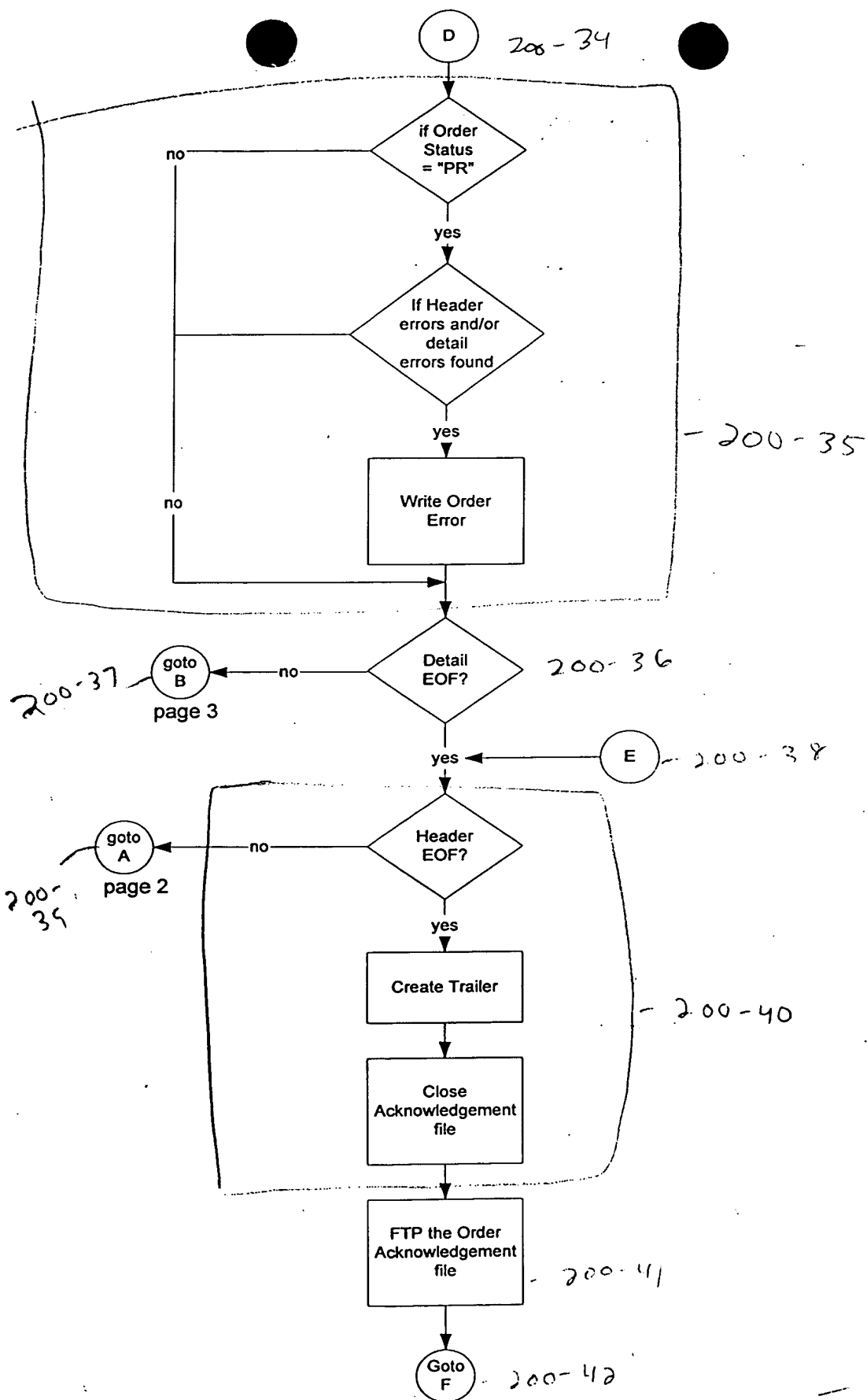


FIG 20C

002 130 212 0560



F16 200

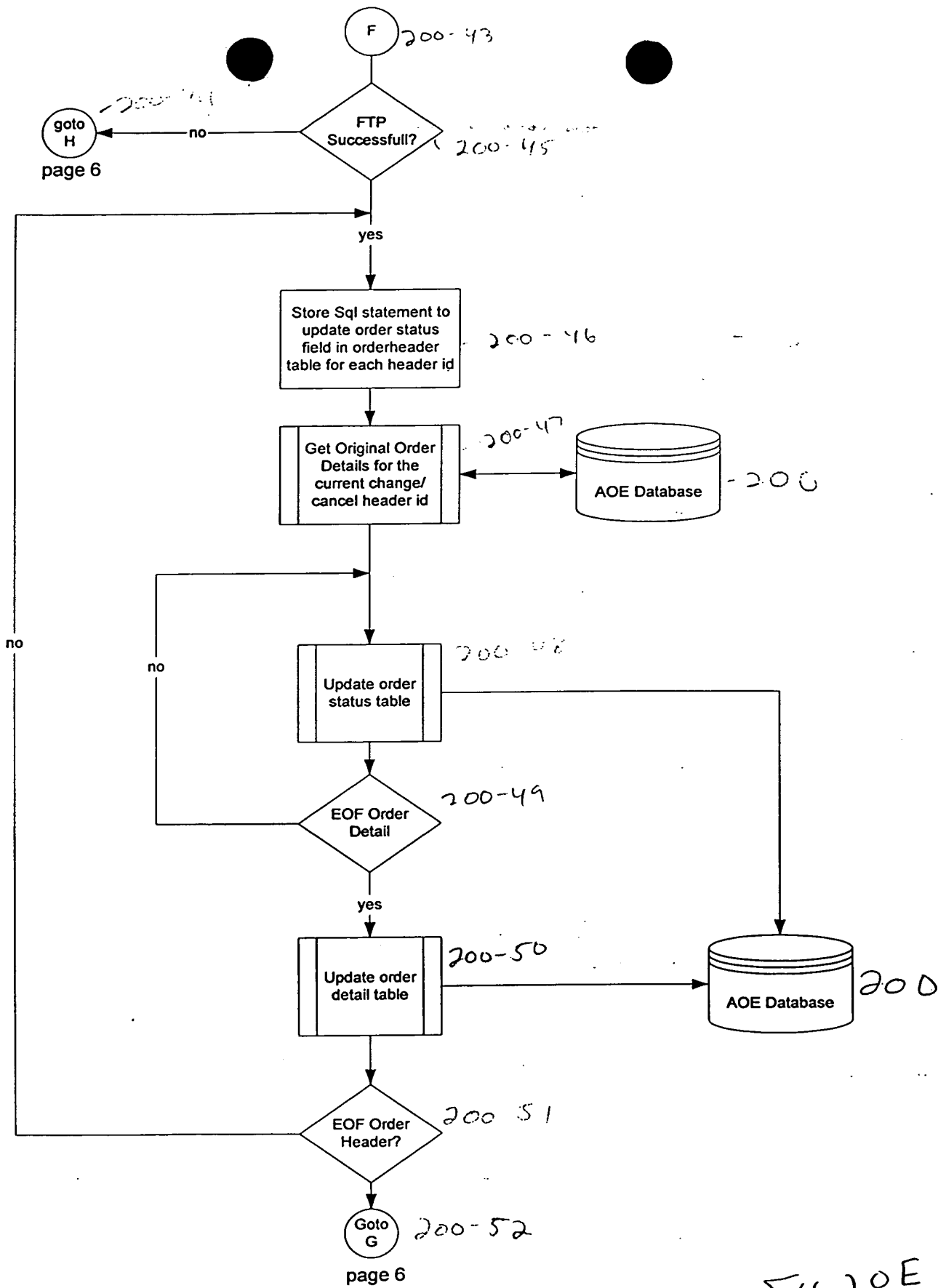
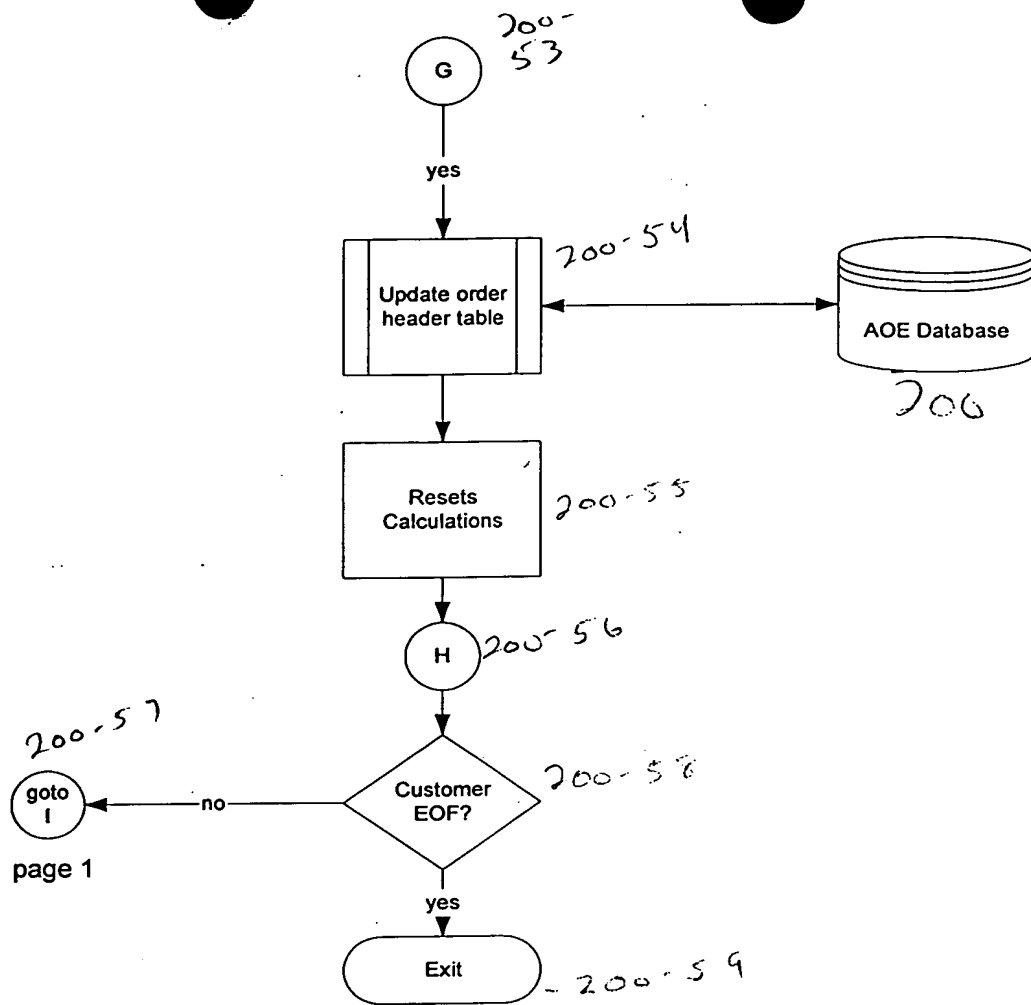


FIG 20E

page 1



F1620F

SECRET

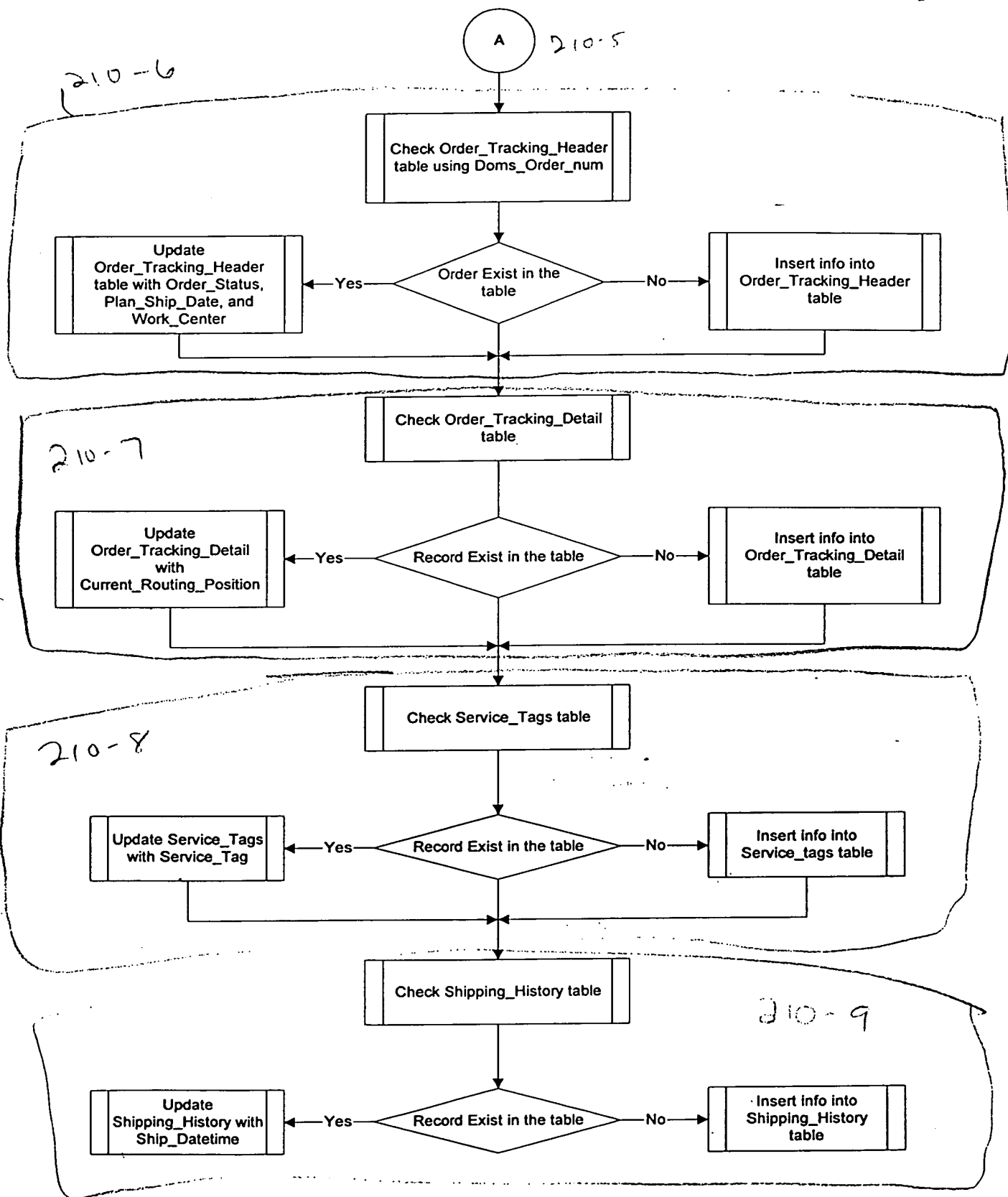


FIG 21B

00500112.061300

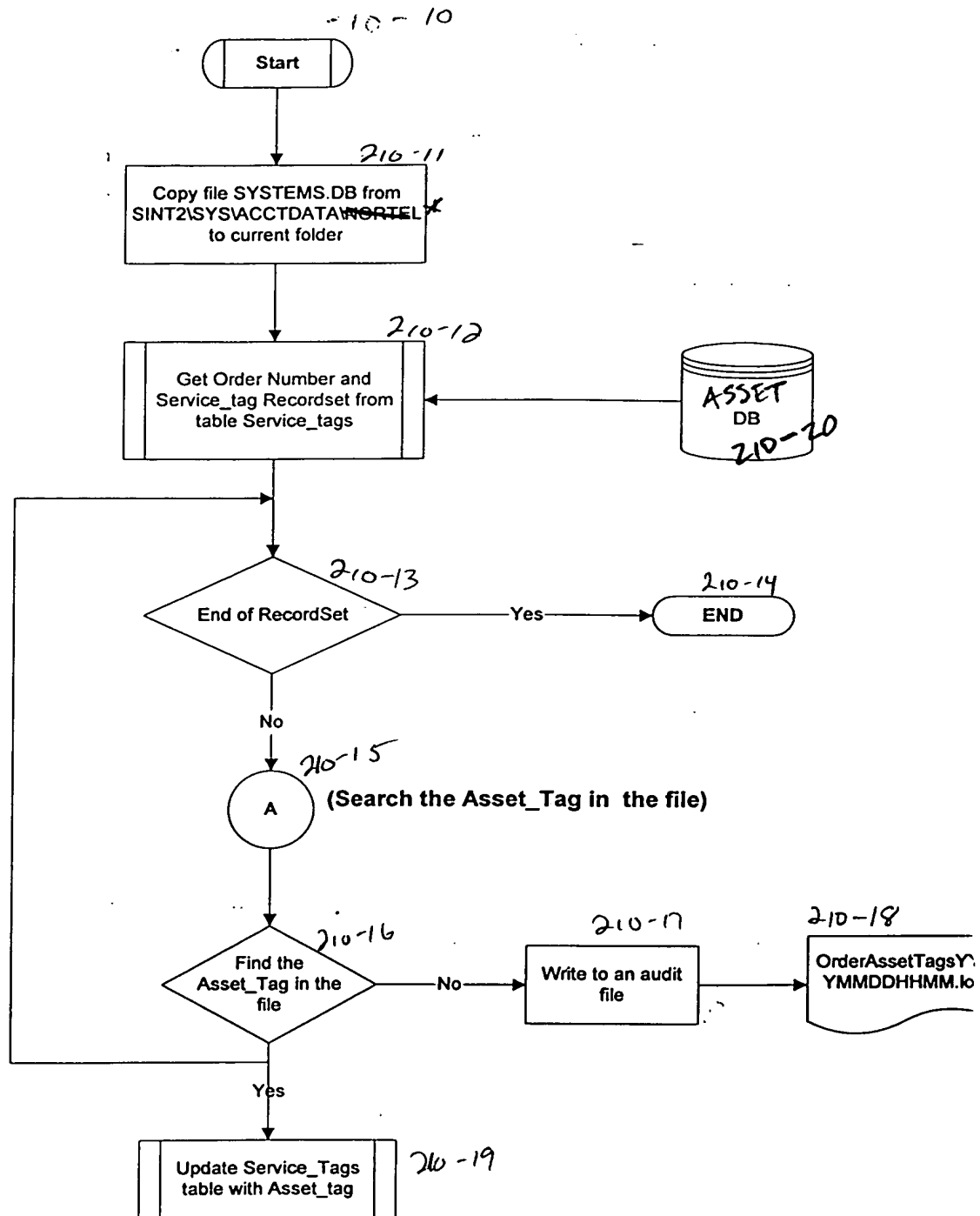


FIG 21C

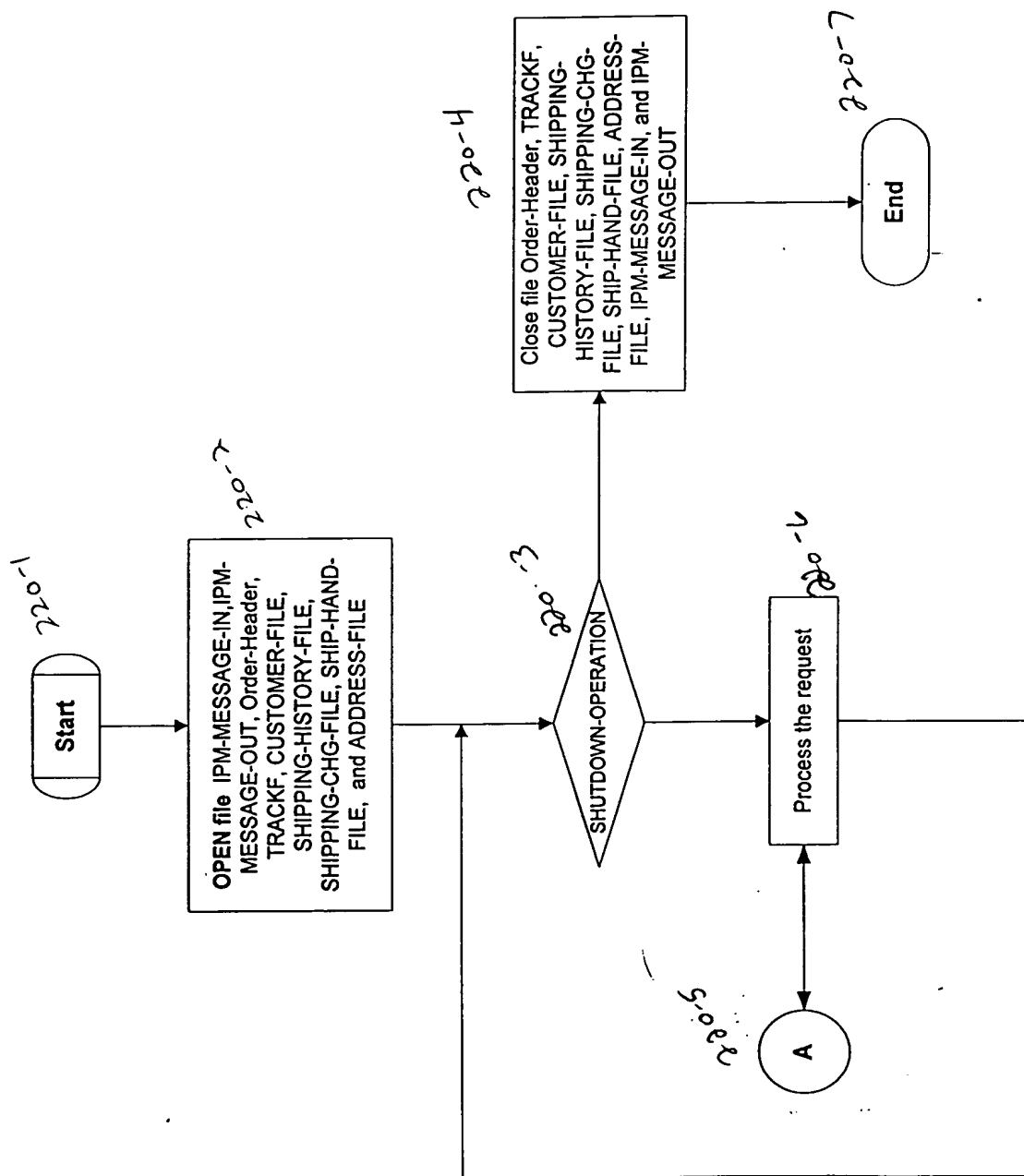
[illegible]

Fig. 22A

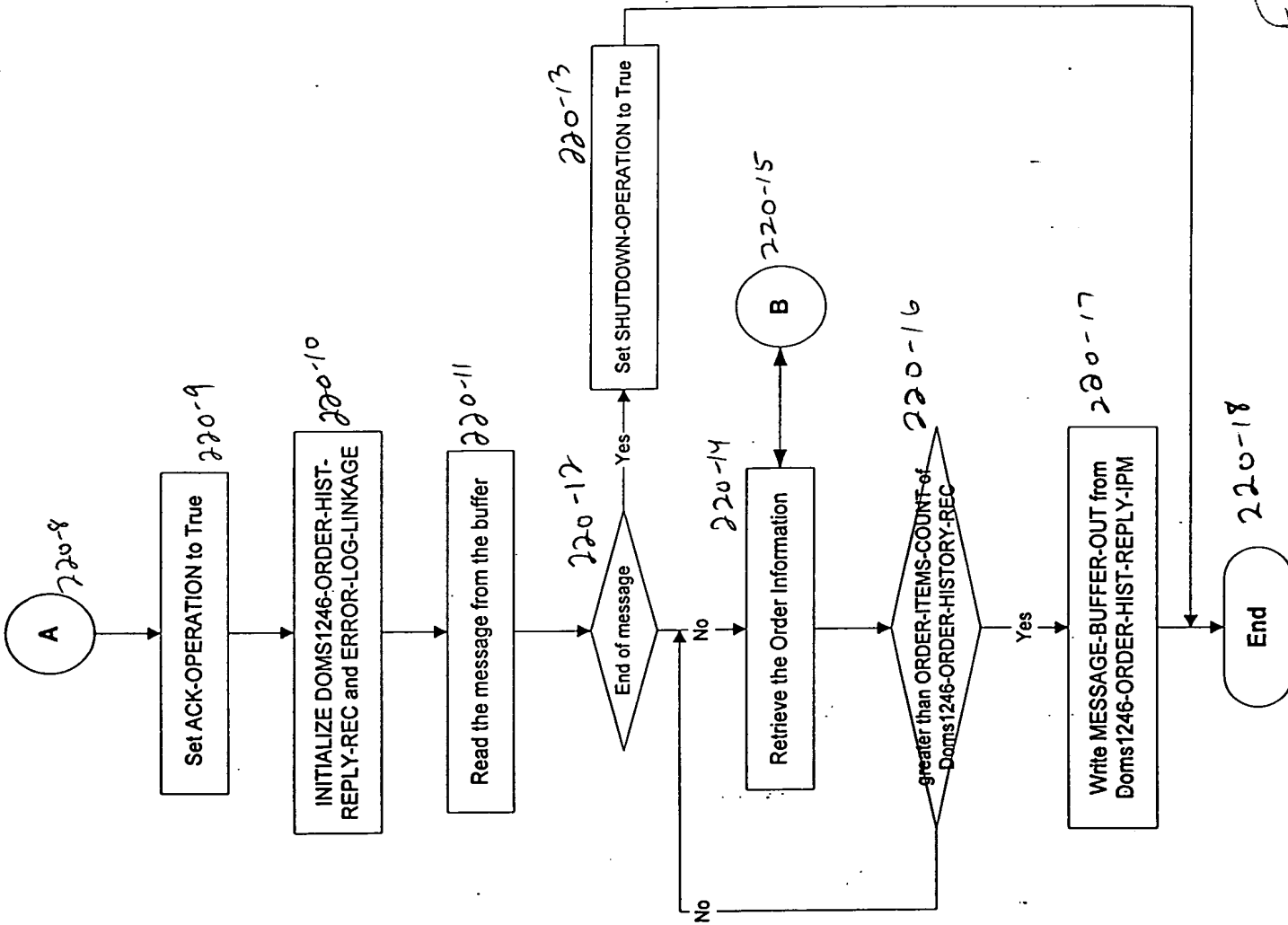


Fig. 2213

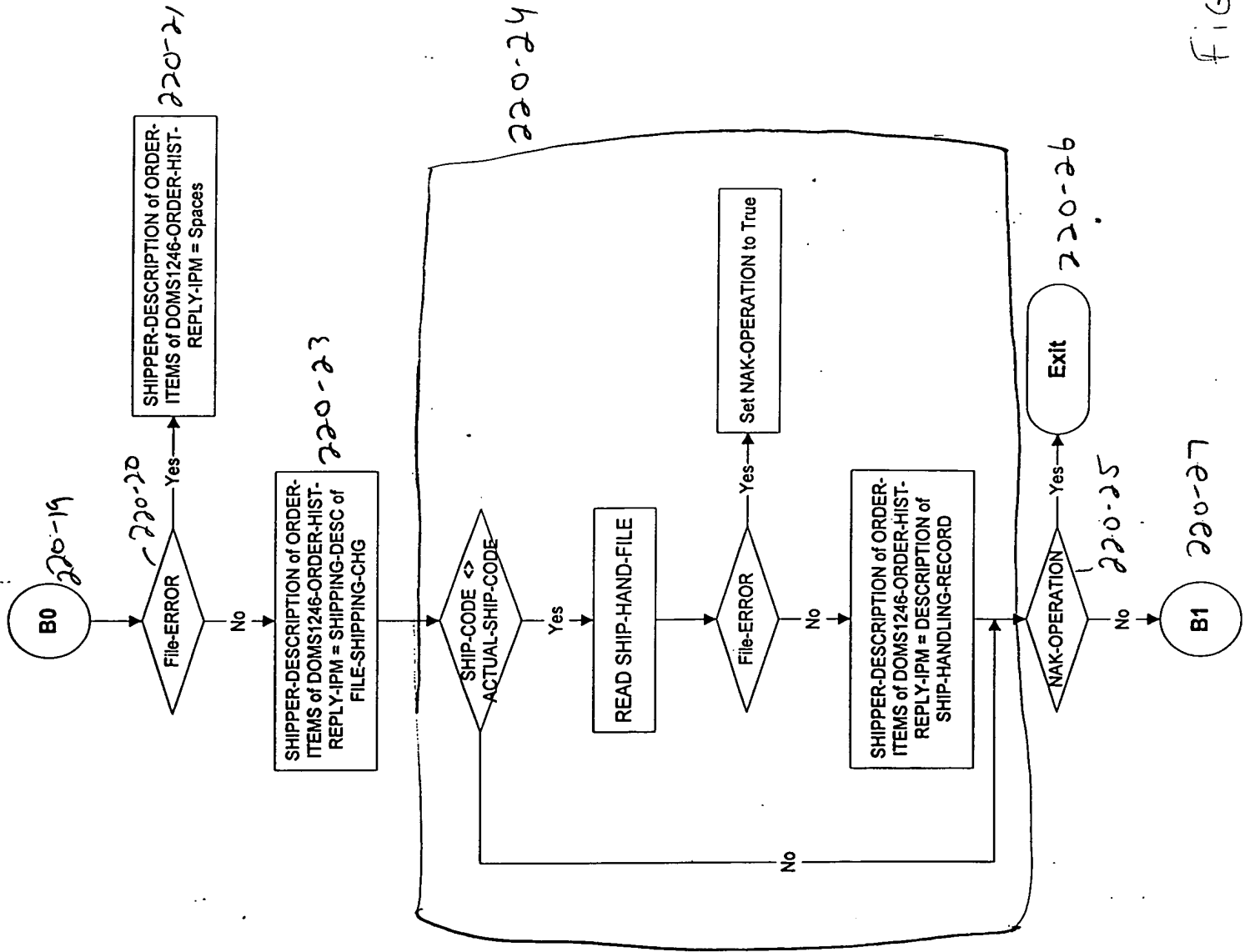
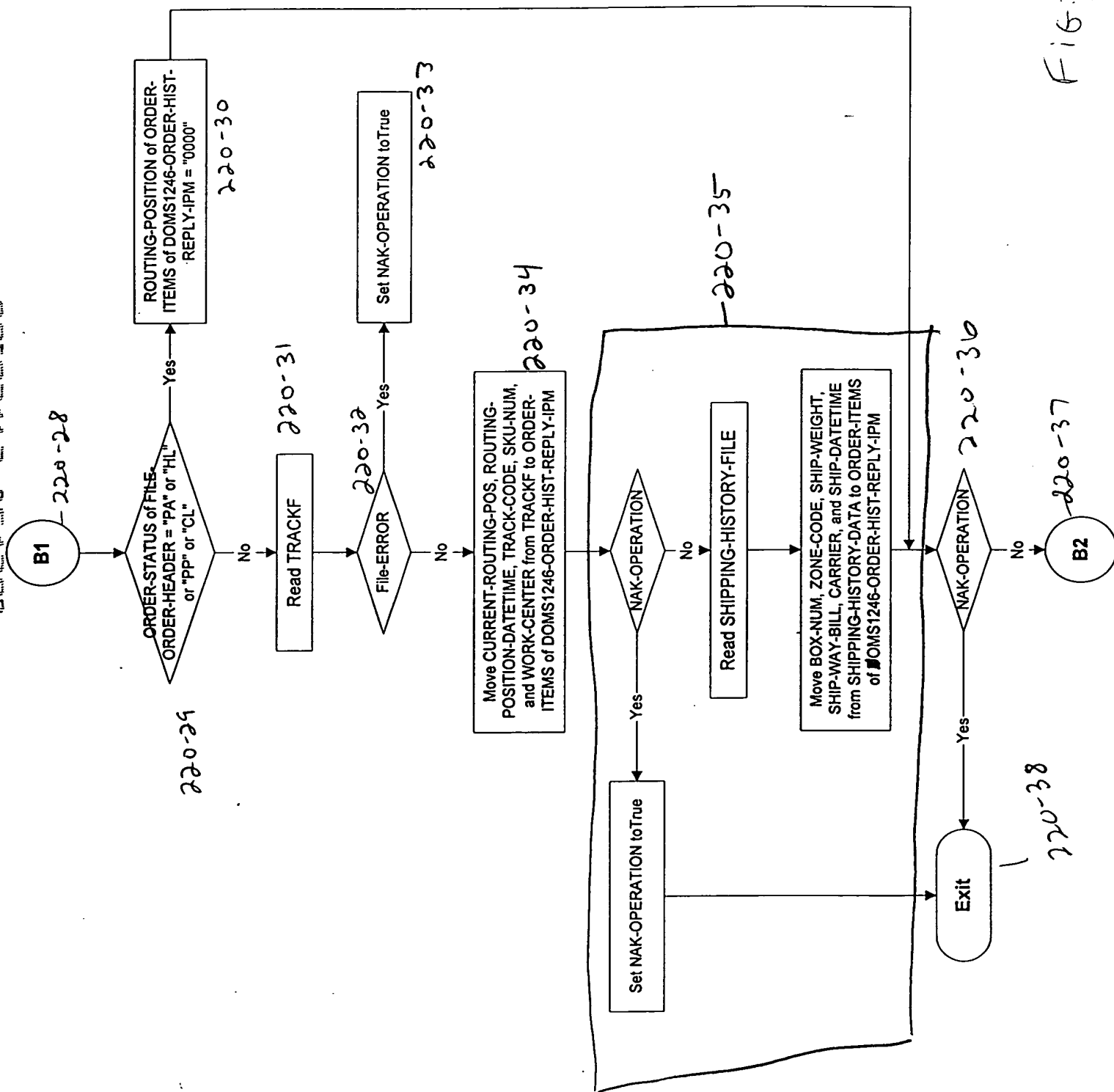


FIG. 22D

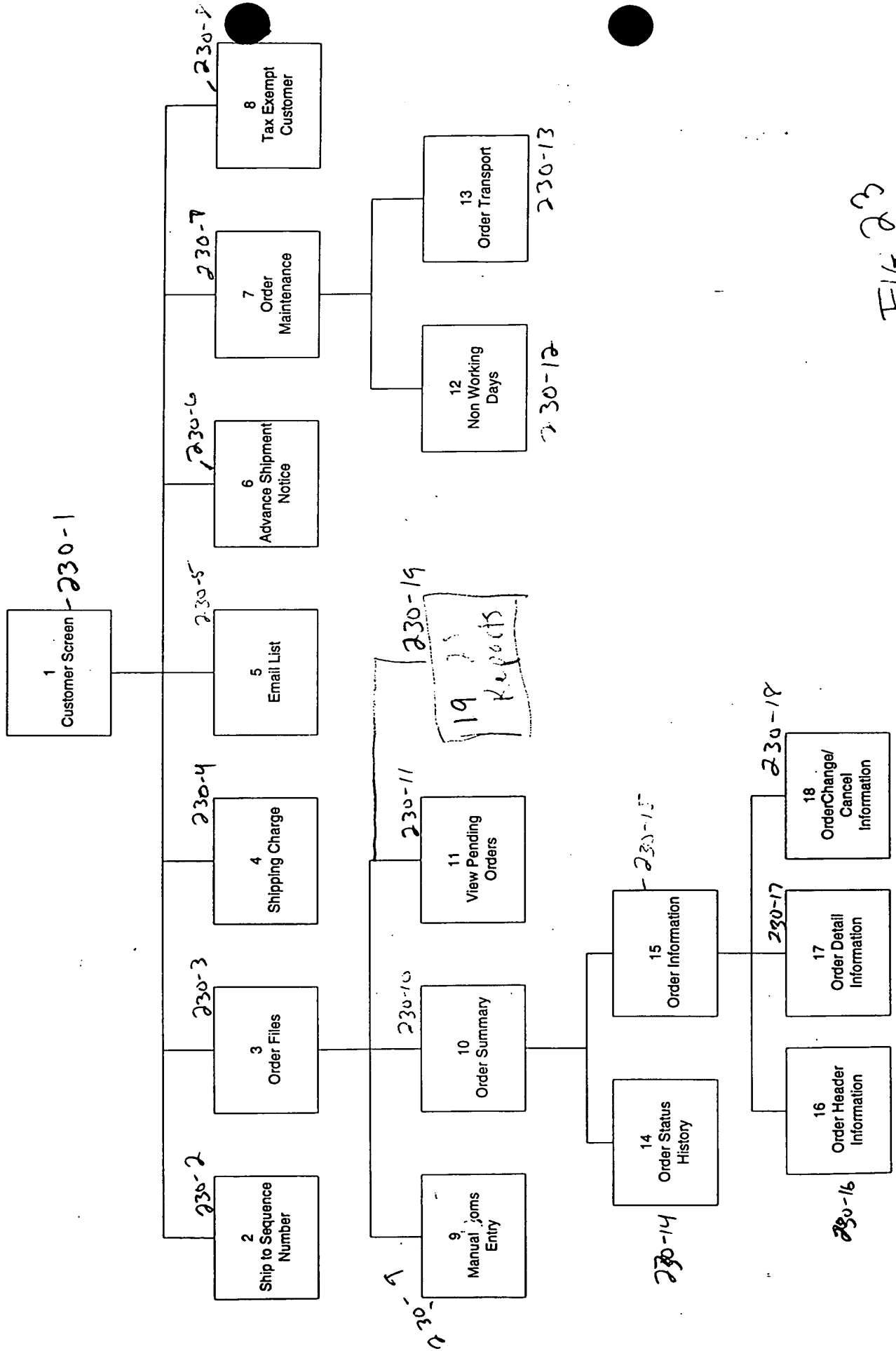
220-28



```

graph TD
    B2((B2)) -- 220-39 --> Read[READ CUSTOMER-FILE]
    Read -- 220-40 --> FileError{File-ERROR}
    FileError -- Yes --> RecordNotFound{RECORD-NOT-FOUND}
    FileError -- No --> LinkCustomer[LINK-NUMBER OF ORDER-ITEMS OF  
DOMS1246-ORDER-HIST-REPLY-IPM = LINK-  
NUM of FILE-CUSTOMER]
    RecordNotFound -- Yes --> LinkReply[LINK-NUMBER OF ORDER-ITEMS OF  
DOMS1246-ORDER-HIST-REPLY-IPM  
= Spaces]
    RecordNotFound -- No --> SetTrue[Set NAK-OPERATION to True]
    LinkCustomer --> Exit([Exit])
    LinkReply --> Exit
    SetTrue --> Exit
  
```

4224



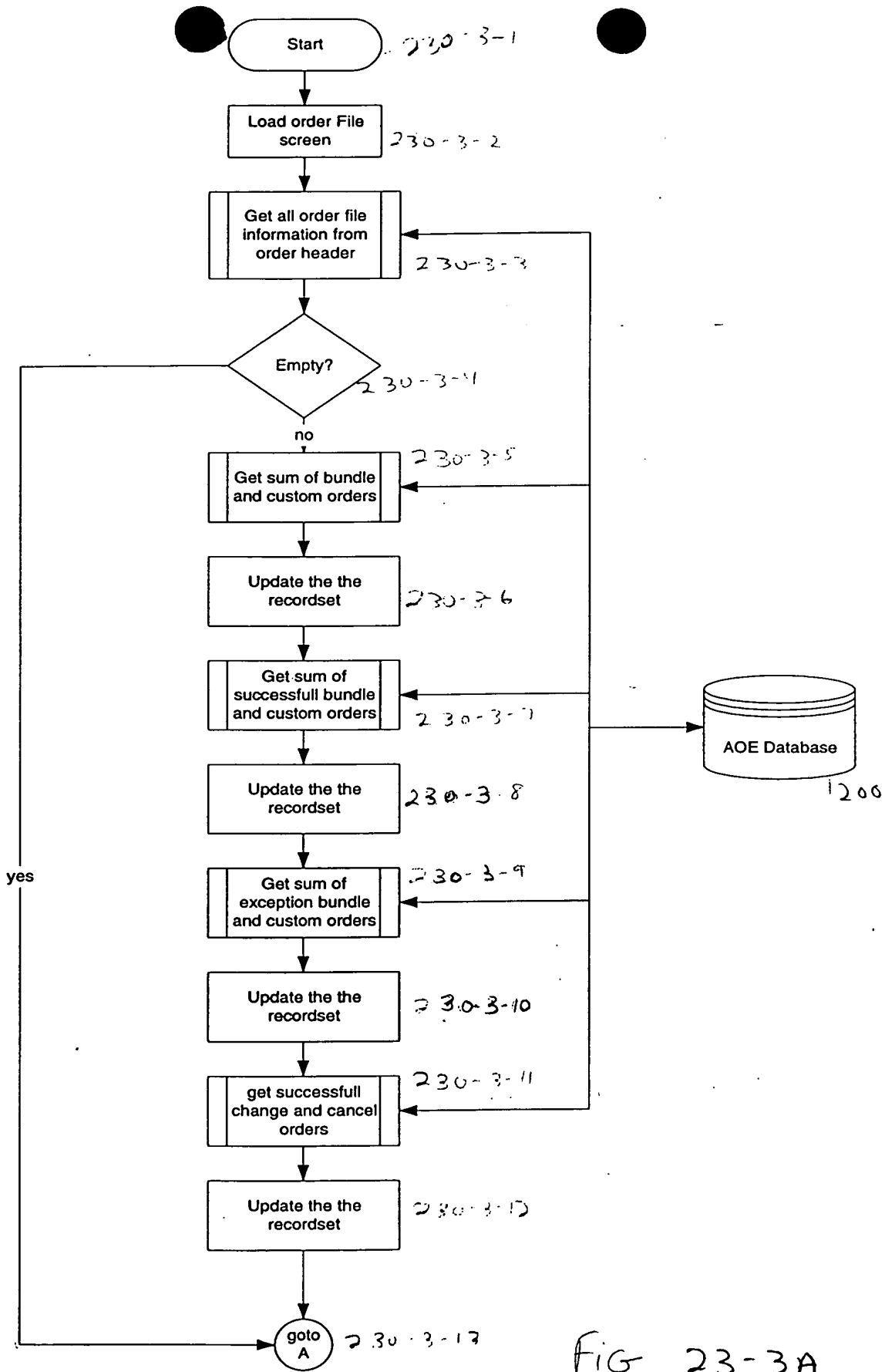
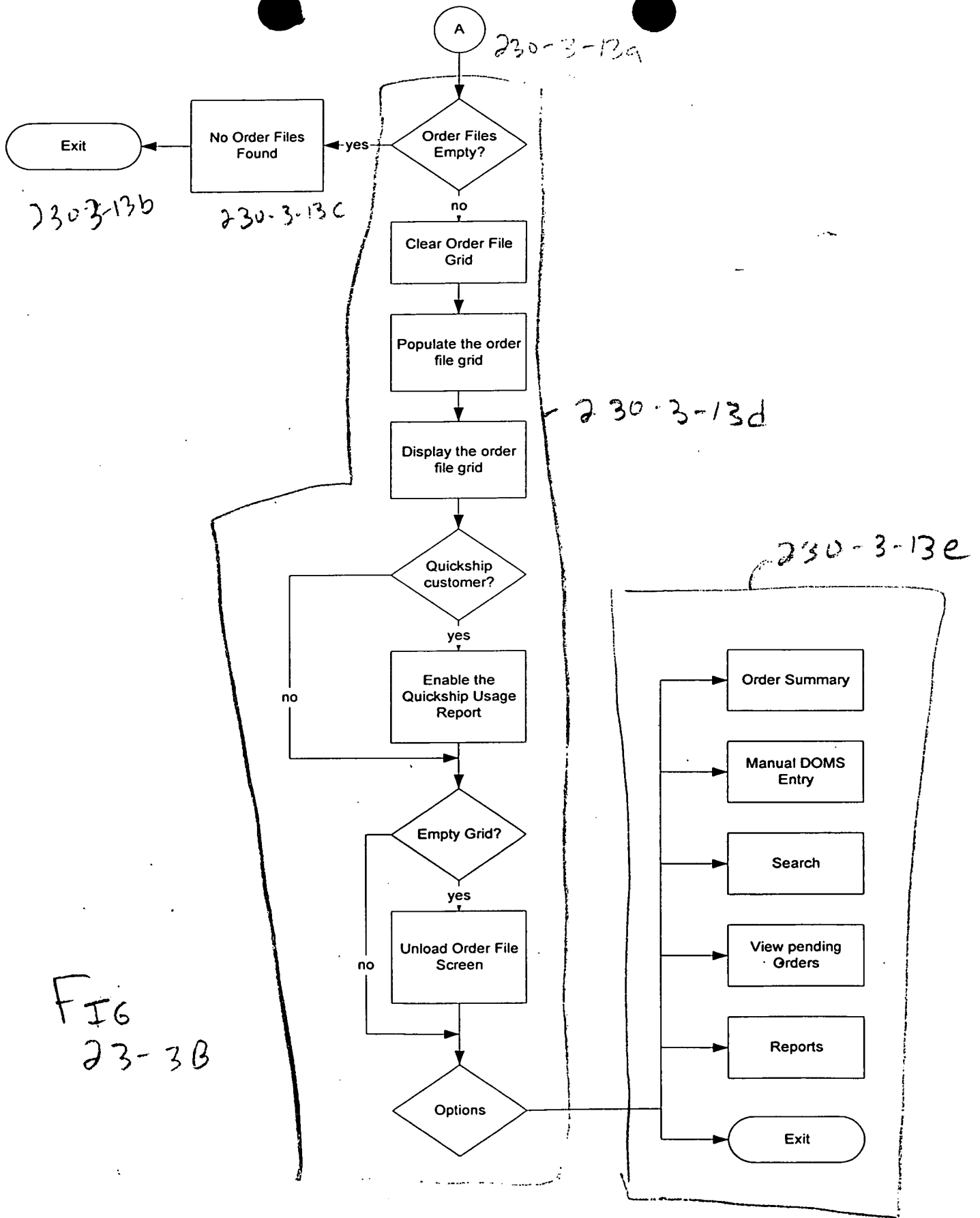
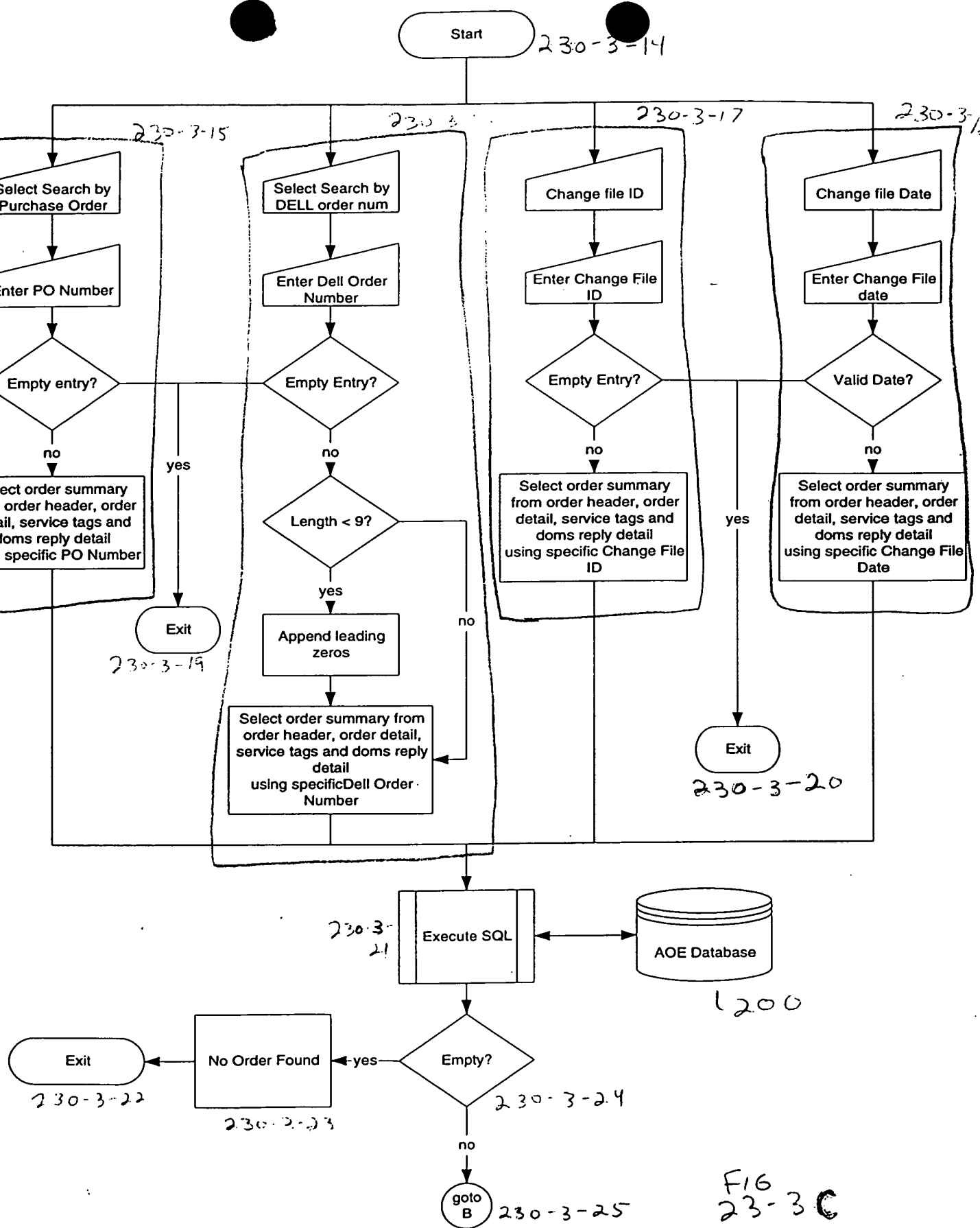


FIG 23-3A



00213012120500



00502413:054300

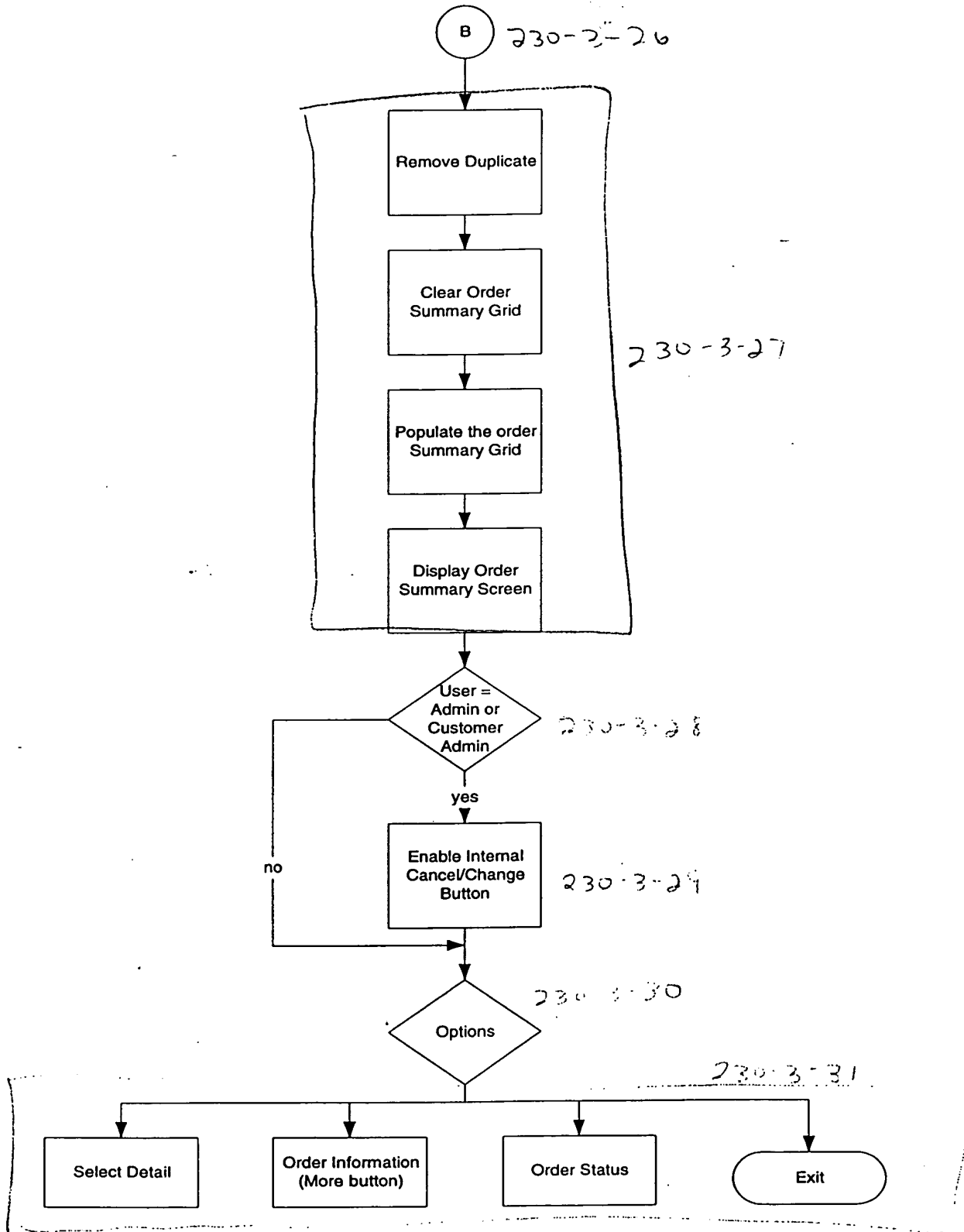


FIG 23-30

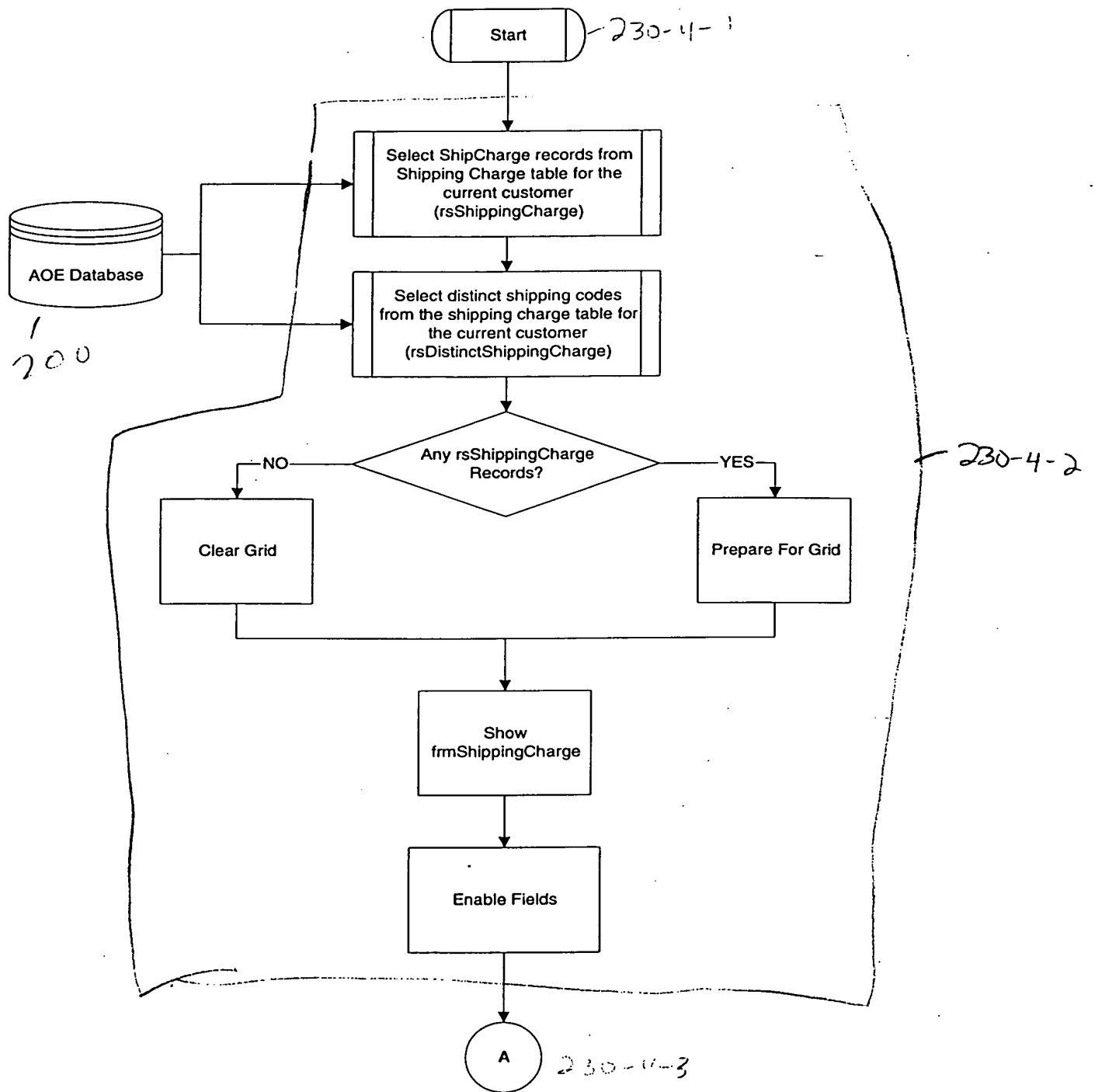


FIG. 23-4/A

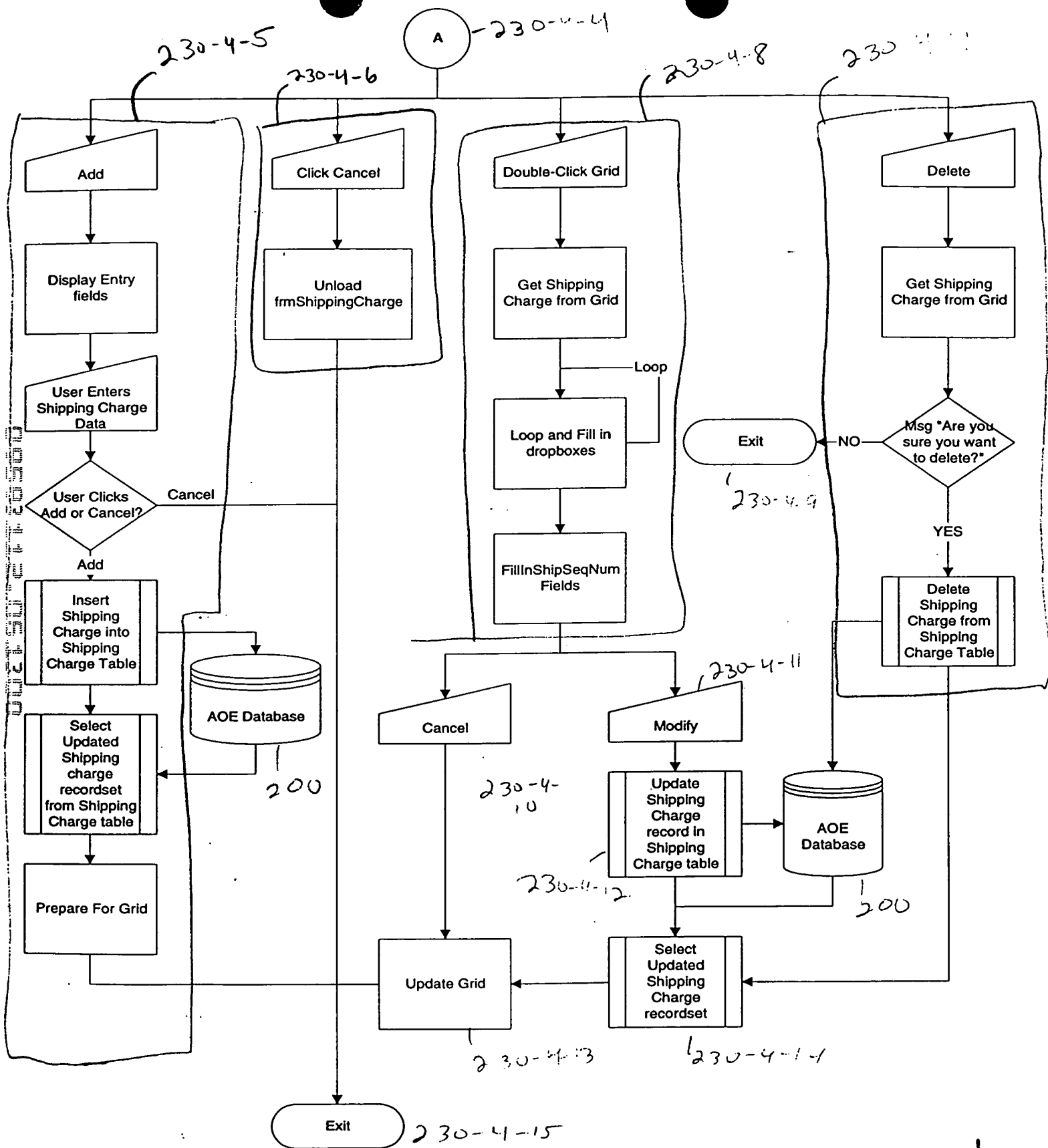


FIG. 23-#1B

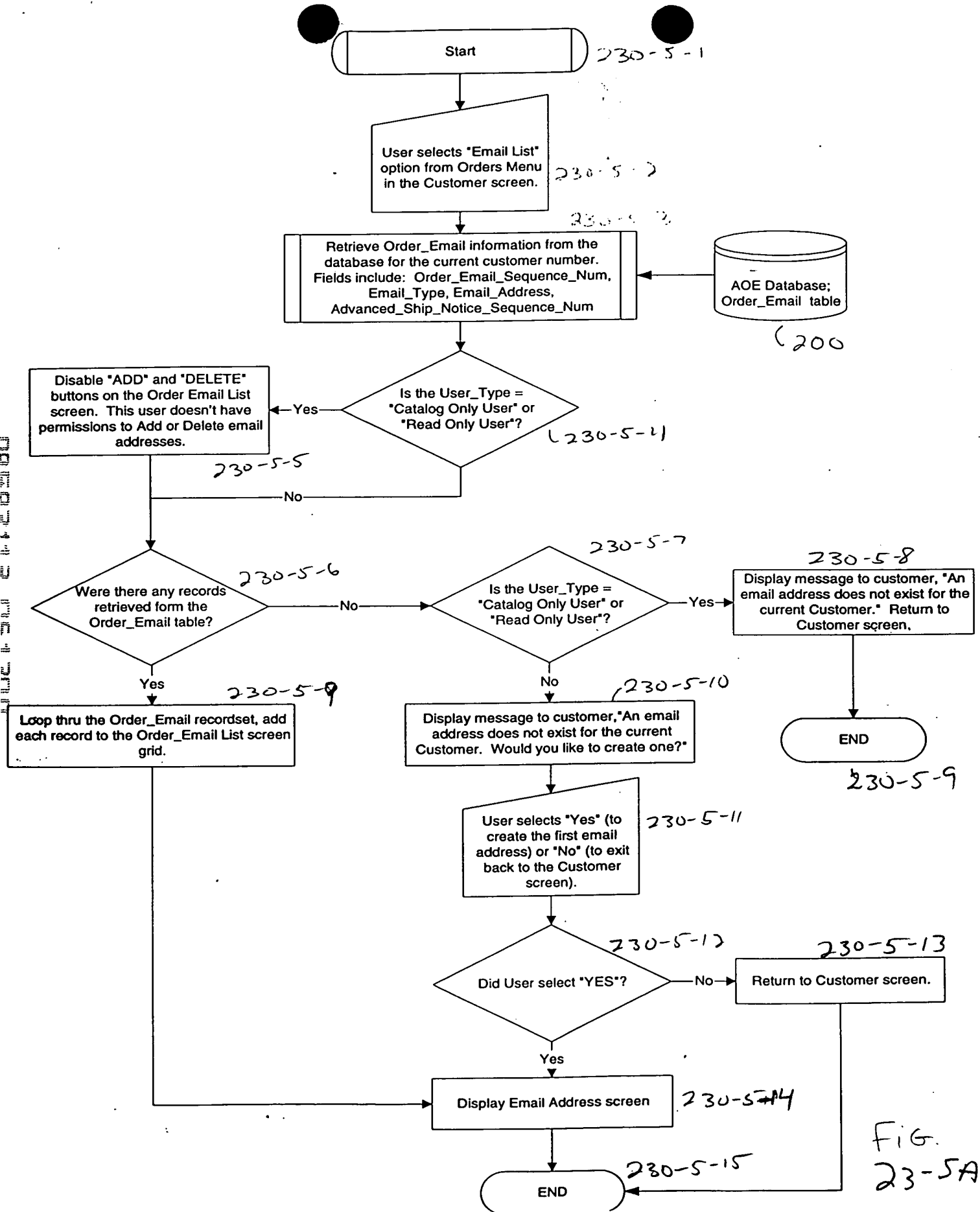


FIG. 23-5A

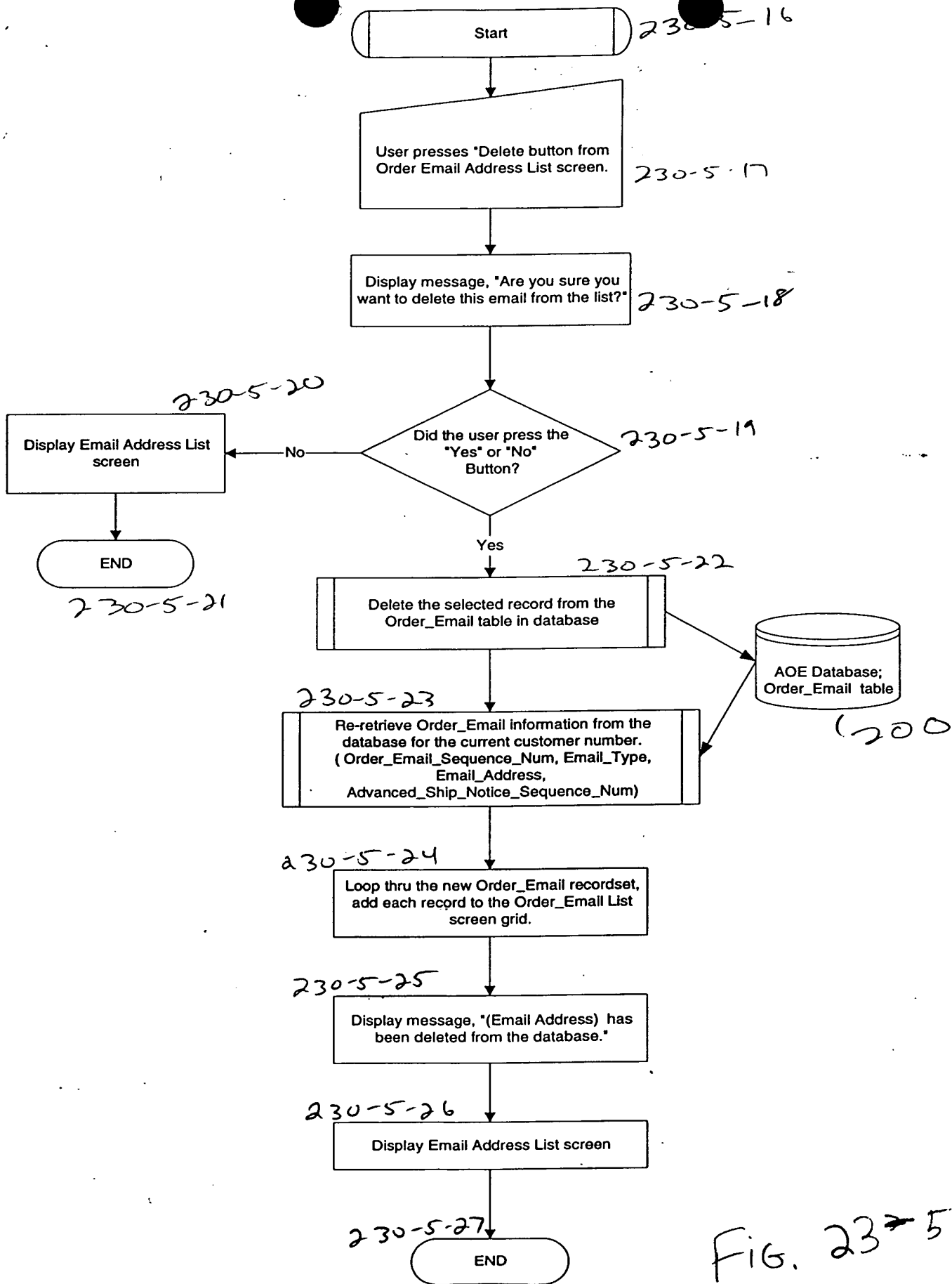
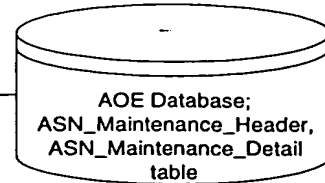
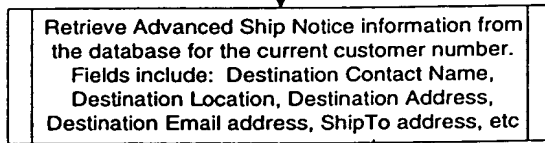
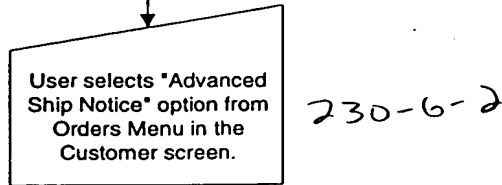
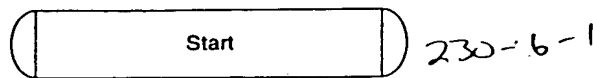
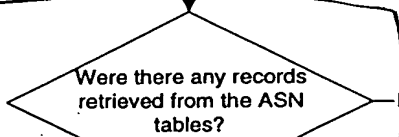


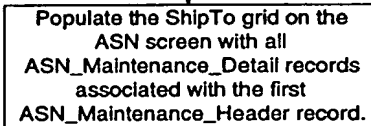
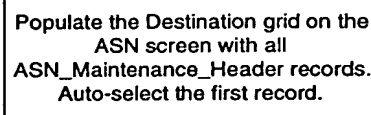
Fig. 23-5B



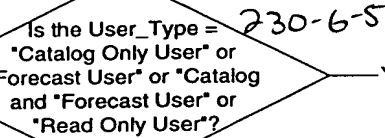
230-6-4



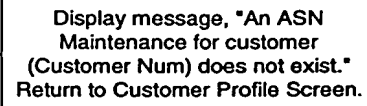
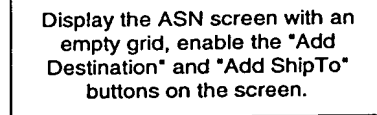
Yes



No

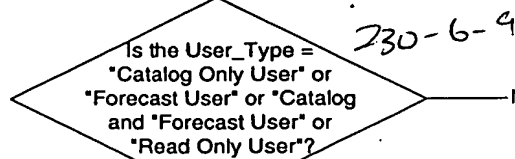


No

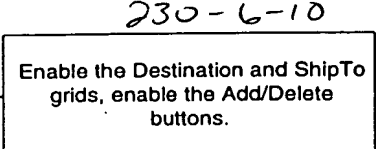


END

230-6-8



No



Yes

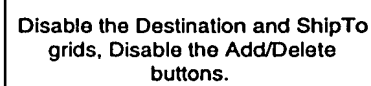
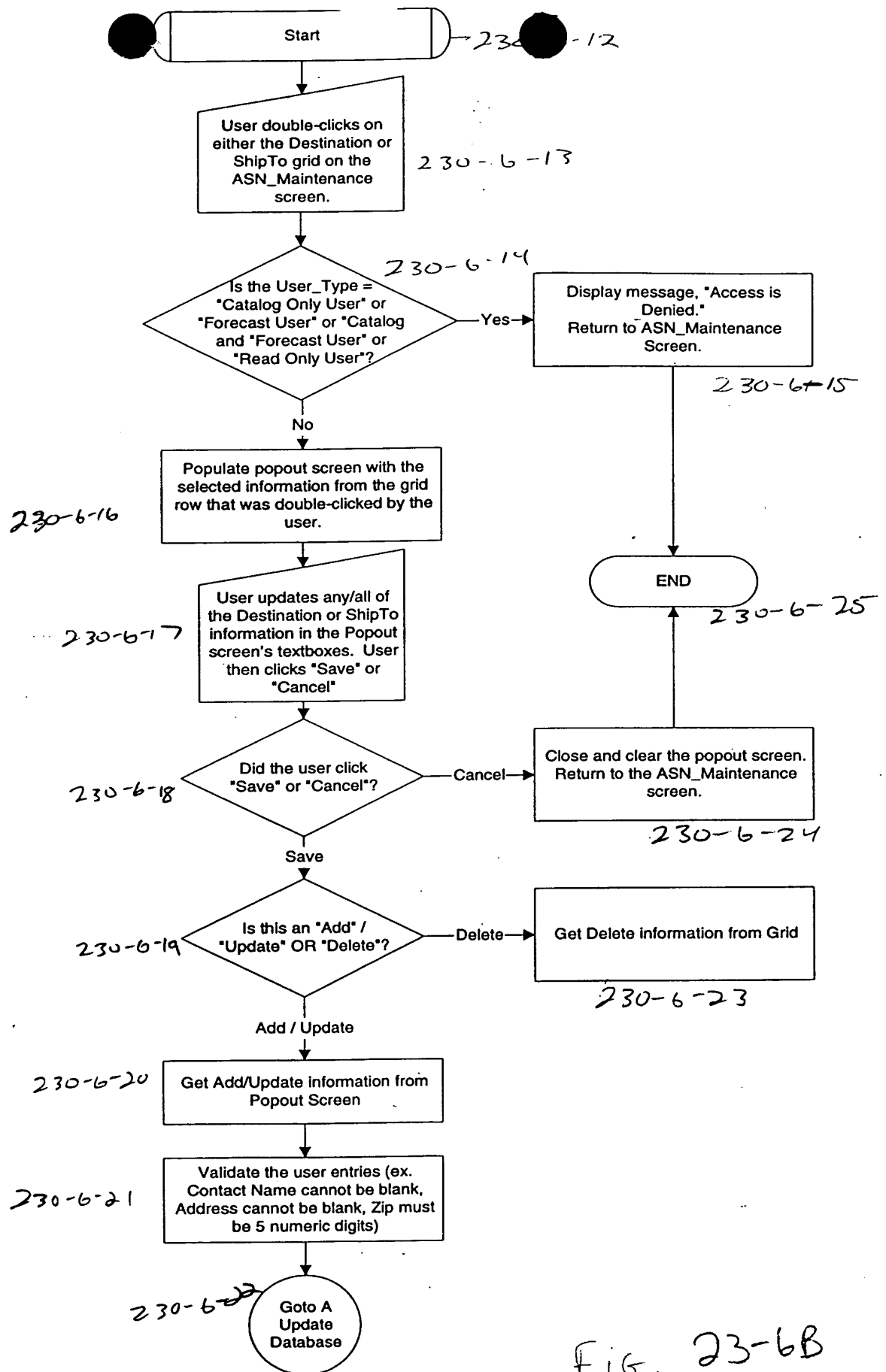


FIG. 23-6A



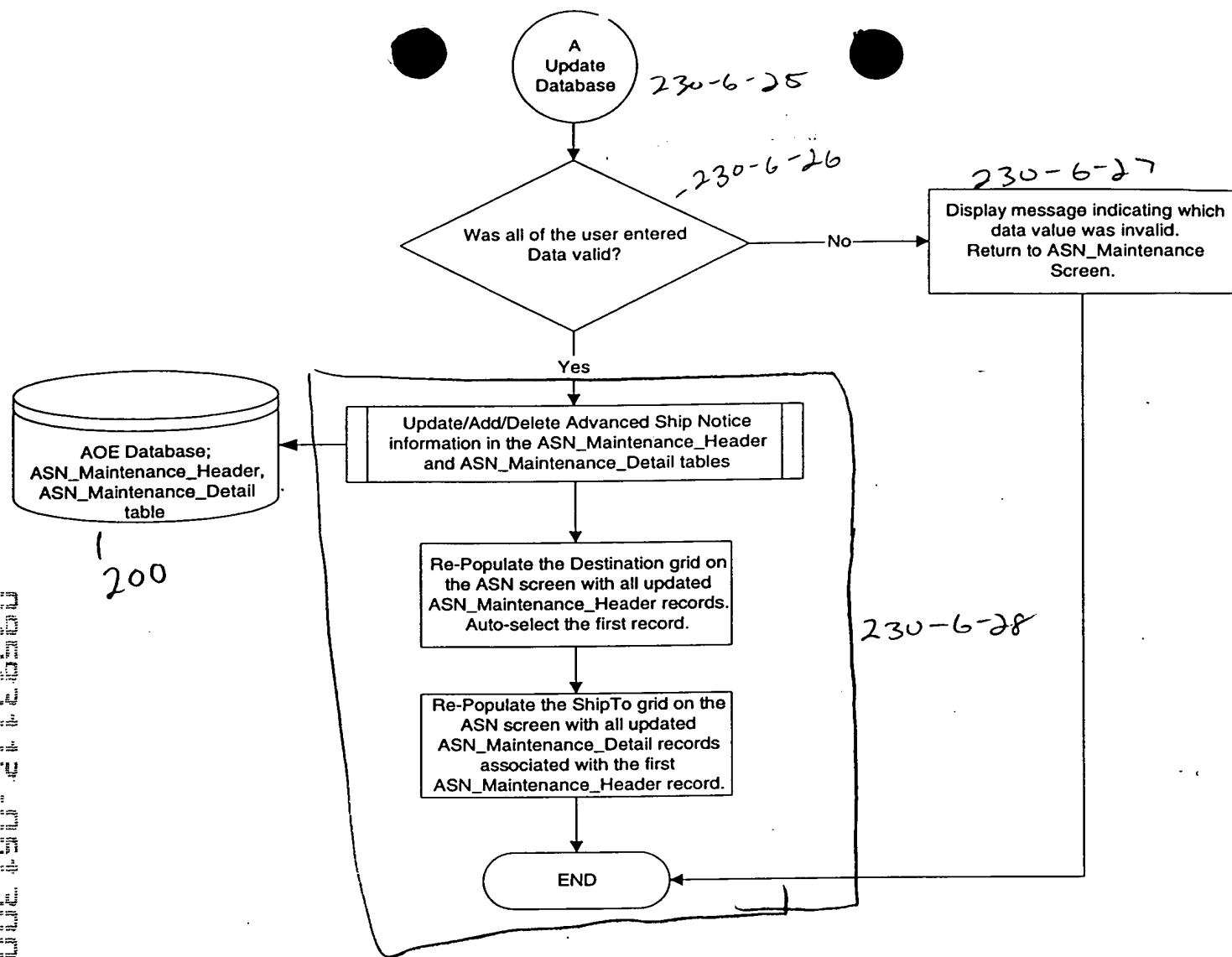


Fig. 23-6C